



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

INDEX  
VOLUMES I—X  
1898—1907

THE BRYOLOGIST

AN ILLUSTRATED BIMONTHLY

DEVOTED TO

NORTH AMERICAN MOSSES

HEPATICS AND LICHENS

COMPILED AND PUBLISHED BY THE EDITOR

ANNIE MORRILL SMITH

78 ORANGE STREET, BROOKLYN, NEW YORK

# GENERIC AND SPECIFIC INDEX

*Star (\*) indicates illustrations*

- Acaulon VII, 63  
 " muticum IX, 27  
 " robustum IX, 86  
 " rufescens IX, 27  
 " Sullivani IX, 36  
 Acer macrophyllum VI, 44; IX, 95  
 Acolium tigillare VIII, \*82, 105  
 Acrocladium cuspidatum VIII, 43  
 Acrocryphaea IX, 40  
 Aduncus (Group) VIII, 7  
 Aerobryidium X, 8  
 Agaricales IX, 89  
 Alectoria IV, 36, 37, 38, 39; V, 12  
 " Fremontii IV, \*37  
 " jubata VIII, 103; IX, 49; X, 101  
 " " v. chalybeiformis IV, 36,  
 \*37; IX, 47, 49  
 " " v. implexa IV, \*36, 37;  
 IX, 49, 81  
 " ochroleuca v. sarmentosa IV,  
 \*37  
 Aloina VII 63  
 Alsia IX, \*37  
 " abietina V, 78; VI, 45; VII, 51  
 " Californica IX, 40, 106  
 " " flagellifera IX, 40  
 " longipes IX, 40; X, 8  
 " Macounii IX, 40  
 Ambloydon dealbatus VI, 62  
 Amblystegium adnatum VI, 95, 96,  
 101; VIII, 94; X, 86  
 " argillicola VII, 12  
 " brachyphyllum VII, 12  
 " brevipes VII, 12  
 " chrysophyllum VIII, 94  
 " cordifolium VIII, 43  
 " densissimum V, 28  
 " filicinum VI, 94  
 " floridanum III, 50; VII, 12  
 " fluviatile V, 27; X, 106  
 " " v. brevifolium V, 48  
 " Holzingeri IX, 10; X, 89  
 " irriguum III, 50; V, 27; X,  
 106  
 " Juratzkanum VII, 6; X, 86  
 " Kochii VI, 95; VII, 12; IX, 10;  
 X, 86, 106  
 " laxirete IX, 9  
 " Lescurii III, 11; IX, 27; X, 86  
 " Montanae V, \*26  
 " minutissimum IX, 63  
 " orthocladon V, 27; X, 86  
 " radicale VI, 84; IX, 63  
 " riparium III, 50; IV, 40; VII  
 12; IX, 9, 10; X, 86, 106  
 Amblystegium riparium v. flaccidum  
 VI, 62  
 " riparium longifolium I, 67  
 " " longinerve V, 48  
 " " v. minor X, 106  
 " serpens V, 48; VI, 62, 95; IX,  
 64; X, 86  
 " " Beringianum VI, 48, 84  
 " " subnerve V, 48  
 " subtile V, 48  
 " vacillans V, 48; VII, 12; IX,  
 10; X, 6, 7  
 " varium V, 27, 36; VII, 74;  
 VIII, 94; X, 70, 73, 86  
 " varium Alaskanum VI, 48, 84  
 " " orthocladon V, 26, 36  
 " " f. alpina mirabilis V, 27  
 " versirete VIII, 55  
 Amphidium Lapponicum X, 6  
 " Mougeotii VII, 62  
 Anacamptodon Cubensis IX, 44  
 " splachnoides III, 40; VII, 77;  
 VIII, 53; IX, 44; X, 7, 86,  
 102  
 " splachnoides Tayloriae var.  
 nov. IX, 44  
 Anacolia (The Genus) VII, 28, 29  
 " Baueri VII, 29  
 " Menziesii VII, 29,  
 " Webbii VII, 29  
 Andreaea II, 52; IV, 31, 33  
 " depressinervis V, 28  
 " petrophila IV, 10; IX, 96; X, 6  
 " " acuminata V, 67  
 " " parvifolia V, 67  
 " pycnotyla V, 28  
 " pygmaea V, 28  
 " Rothii X, 7  
 " rupestris VIII, 64; X, 55  
 " Toccoae X, 36  
 Anisothecium rubrum VIII, 43  
 Anodus Donianus IV, 62, 63  
 Anoetangium IX, 37  
 " compactum VI, 52  
 " " Alaskanum VI, 48  
 Anomobryum bullatum V, 87  
 " v. concinatum VI, 88  
 " filiforme VI, 88  
 " " Americanum VI, 88; VII, 62  
 " " concinatum VI, 88  
 " juliforme VI, 88  
 " sericeum VI, 88  
 Anomodon V, 96; VI, 61; VIII, 4, 5,  
 50  
 " apiculatus IX, 64

- Anomodon attenuatus V, 82; IX, 64; X, 86  
 “ devolutus V, 12  
 “ flagelliferus V, 12  
 “ heteroideus VI, 98  
 “ minor VIII, 78, 94; X, 86  
 “ obtusifolius III, 40; VIII, 64; X, 105  
 “ robustus V, 12  
 “ rostratus II, 81; VIII, 94; X, 86  
 “ Toccoae V, 12; VII, 30; VIII, 50  
 “ tristis IV, 2; X, 86  
 “ viticulosus V, 54  
 Anthocerotaceae VII, 90  
 Anthoceros VII, 13, 14, 90  
 “ laevis VII, 13; VIII, 54; X, 82, 84  
 “ Macounii X, 13  
 “ punctatus VII, 13, \*91; VIII, 54; IX, 26; X, 84  
 “ Stableri VII, 13  
 Antitrichia V, 1; VIII, 4, 5; IX, 40  
 “ Californica V, 78; IX, 95  
 “ “ flagellifera IX, 40  
 Antrichia curtipendula gigantea VI, 44, 45; IX, 95  
 Aphanorrhagma VI, 80  
 “ serratum VIII, 77; IX, 24; X, 104  
 Aplolepidae VI, 63; VII, 37  
 Aptychus V, 64, 65; IX, 37  
 Archidium Ohioense VI, 37  
 “ Ravenelii VII, 99  
 Archelejeunea clypeata VI, 2, \*27, 28, 29; VIII, \*57, 60; X, 84, 91  
 “ Sellowiana VI, \*27, 28, 29  
 Arisaema triphyllum VII, 51  
 Arthonia VIII, 87  
 “ excedens X, 66  
 Arthrodont VI, 63  
 Arundinaria macrocarpa VII, 30  
 Asterella VII, 92  
 Asterodontium VIII, 5  
 Aster ptarmicoides lutescens VIII, 109  
 Astomum VI, 37; VII, 8, 9, 10, 32, 63  
 “ crispum VII, 10; X, 90, 103  
 “ cylindricum IX, 36  
 “ Ludovicianum VII, 10  
 “ Mittenii (Weisia) X, 1  
 “ multicapsulare VII, 9  
 “ nitidulum X, 103  
 “ rostellatum VII, 10  
 “ Sullivantii IX, 27; X, 90, 103  
 Astrophyllum punctatum VIII, 43  
 “ silvaticum VIII, 43  
 Atrichum I, 63; VI, 70; VIII, 5  
 “ angustatum VI, 80; X, 87  
 “ crispum VII, 7  
 “ Lescurii V, 72; VI, 39, 69  
 “ rostellatum X, 53  
 “ Selwynii X, 53  
 “ undulatum X, 87  
 Aulacomnium androgynum IX, 7; X, 1  
 “ heterostichum III, 12; X, 86, 105  
 “ palustre IV, 2; V, 50, 58, 97; VIII, 43  
 “ “ dimorphum IX, 7  
 “ “ imbricatum IX, 7  
 “ “ lingulatum IX, 7  
 “ turgidum IV, 75  
 Austinia X, 100  
 Azalea maxim VII, 42  
 Baeomyces aeruginosus IX, 51  
 “ roseus IX, 51  
 Barbula III, 29; VII, 37, 63, 74; VIII, 78; IX, 11  
 “ aciphylla V, 49  
 “ acrophylla IX, 36  
 “ acuminata III, 49  
 “ amplexa V, 55; IX, 24  
 “ Australasiae IX, 36  
 “ austro unguiculata IX, 36  
 “ Bakeri VIII, 36; IX, 24  
 “ brachyphylla VI, 51  
 “ brachypoda VI, 48, 49, 50, 51  
 “ caespitosa X, 86, 104  
 “ calycina IX, 35  
 “ cancellata VIII, 11  
 “ chloronotis III, 30  
 “ chlorotricha IX, 36  
 “ convoluta VII, 7; X, 7  
 “ “ filiformis V, 44  
 “ cunefolia VI, 51  
 “ eustegia IV, 25  
 “ fallax III, 49; VI, 52; VIII, 36  
 “ flavipes IV, 26  
 “ gracilis VII, 6  
 “ humilis VII, 80  
 “ indigena VII, 30  
 “ lanceolata III, 49  
 “ lingulata IV, 27  
 “ macrotricha VIII, 11  
 “ Montana VI, 61  
 “ muralis III, 40; VIII, 11  
 “ obtusifolius VIII, 112  
 “ papillosa VII, 65  
 “ perannulata V, 100  
 “ Raui VII, 62  
 “ rufipila V, 49

- Barbula rigens* VI, 48, 52  
 “ *rigidula* VI, 52  
 “ *Saundersii* VI, 48, 51  
 “ *stricta* IV, 49  
 “ *subcuneifolia* VI, 51  
 “ *torquata* IX, 35  
 “ *tortuosa* VI, 50; VII, 7  
 “ *Trelesi* VI, 48, 51  
 “ *unguiculata* III, 49; VI, 51, 54, 88, 95; VII, 74; VIII, 11, 43; X, 86, 104  
 “ *vinealis* VI, 52  
 “ *virescens* VIII, 36  
*Bartramia* VII, 28, 29, 37  
 “ *exigua* IX, 41  
 “ *glauco-viridis* IX, 24  
 “ *gymnostoma* IX, 35  
 “ *Menziesii* VII, 28  
 “ *papillata* IX, 35  
 “ *pomiformis* X, 86  
*Bartramiopsis* VI, 70; X, 61  
 “ *Lescurii* VI, 36, 69  
 “ *Sitkana* VI, 69  
*Bazzania* IV, \*68; VII, 95, \*96  
 “ *deflexa* IV, 69  
 “ *triangularis* IX, 62; X, 83  
 “ *trilobata* IV, \*68, 69; VII, \*96, 98; VIII, 57, 59, 62; IX, 26; X, 83, 91  
*Bestia* X, 8  
*Biatora* X, 39  
 “ *chlorantha* X, 66  
 “ *rubella* X, 66  
*Blasia pusilla* VII, \*93  
*Blepharostoma* VII, 94  
 “ *trichophyllum* VI, 2; IX, 62; X, 83  
*Blindia* VII, 63  
 “ *acuta* IX, 96; X, 102  
 “ “ *flexipes* IX, 24  
*Blytia* IX, 11  
*Brachelyma* VII, 48, 80  
 “ *robustum* VII, 48; IX, 38  
 “ *subulatum* VII, 48; IX, 38  
*Brachythecium* V, 48  
 “ *acuminatum* I, 66; III, 50; V, 54, 78; VI, 15, 84; IX, 64; X, 86, 105  
 “ “ *rupincolum* VIII, 108  
 “ *acutum* III, 36; IX, 27; X, 87  
 “ *albicans* IV, 83, 84  
 “ *antarcticum* V, 28  
 “ *cavifolium* V, 28  
 “ *aspermum* II, 55; III, 37, 39; IX, 8  
 “ *Beringianum* IV, 48, 62, 83  
 “ *collinum* Holzingeri IV, \*48, 76  
 “ “ *subjulaceum* V, 103  
*Brachythecium cyrtophyllum* I, 66  
 “ *edentatum* VI, 62  
 “ *erythrorraizon* II, 84  
 “ “ *v. Thedenii* V, 41  
 “ *flexicaule* I, 68; IX, 27, 64  
 “ *homallum* V, 41  
 “ *laetum* VIII, 65, 94; IX, 64; X, 87  
 “ *lamprochryseum* III, 37, 39; IX, 106  
 “ “ *giganteum* I, 92  
 “ *Leibergii* II, 84  
 “ *Nelsoni* V, \*75, 76; VII, 34  
 “ *Novae-Angleae* VI, 36; X, 87, 105  
 “ *Noveboracense* III, 36, \*38; IX, 27, 44  
 “ *oxycladon* IV, 40; V, 82; VI, 95; VII, 34; IX, 27; X, 87, 105  
 “ *petrophilum* V, 41  
 “ *plumosum* II, 84; III, 50; V, 41; VI, 54; IX, 64; X, 87  
 “ “ *Pringlii* V, 41  
 “ *populeum* IV, 40; VI, 96; IX, 27  
 “ “ *ovatum* II, 84  
 “ *Pringlii* V, 40, 41  
 “ *reflexum* VI, 62  
 “ *rivulare* III, 36, 48; IV, 40, \*48; V, 76; VII, 34; VIII, 65; IX, 44, 64; X, 105  
 “ “ *cataractarum* I, 92  
 “ “ *Lamoillense* VII, 44  
 “ “ *laxum* IV, \*48  
 “ “ *tenue* VII, 34  
 “ *Roteanum* I, 68  
 “ *rutabuliforme* VI, 45  
 “ *rutabulum* III, 11, 12, 36, 40; IV, 48; IX, 36, 64; X, 87, 106  
 “ *salebrosum* VI, 95; VIII, 43, 94; IX, 64; X, 106  
 “ “ *flaccidum* I, 68  
 “ “ *mamilligerum* IX, 106  
 “ *saltenae* VIII, 55  
 “ *Sarcoxie* X, 106  
 “ *splendens* IX, 106  
 “ *Starkii* III, 36  
 “ *subaspermum* IX, 8  
 “ *suberythrorrhizon* V, 41  
 “ *velutinum* VI, 96  
 “ “ *intricatum* V, 102  
 “ *Washingtonianum* III, 36, 37, \*38; IX, 8  
*Braunia* VIII, 5; IX, 38  
 “ *sciuroides* VIII, 70  
*Breutelia affinis* IX, 35

- Breutelia commutata* IX, 35, 36  
*Bruchia curviseta* VII, 62  
     " *flexuosa* VI, 37, 38; X, 87, 103  
     " *palustris* V, 50  
     " *Sullivanti* VI, 95; IX, 26  
*Brynhia* VI, 36  
     " *graminicolor* X, 88  
     " *Holzingeri* X, 88  
     " *Novae-Angliae* IX, 27; X, 87  
*Bryobrittonia pellucida* V, 69  
*Bryophyta* II, 51  
*Bryoxiphium* III, 29  
     " *Norvegicum* I, 67; III, 30  
*Bryum* III, 16, 25; VI, 63, 67; VII, 74; IX, 11  
     " *acutiforme* V, 45  
     " *Agattuense* VI, 48  
     " *alpinum* VI, 67  
     " *denticulatum* V, 49  
     " *amblyolepis* V, 28  
     " *amblystegium* V, 45  
     " *anceps* VIII, 95  
     " *arctogaeum* V, 45  
     " *argenteum* III, 17, \*18; V, 86; VII, 74; VIII, 79; X, 87, 103, 104  
     " *lanatum* III, 17; X, 104  
     " *niveum* IX, 36  
     " *aristatum* V, 45  
     " *Austro-polare* V, 28  
     " *ateleostomum* VI, 48, 66  
     " *atropurpureum* X, 105  
     " *cubicum* X, 105  
     " *Baileyi* VIII, 54, 80; IX, 24  
     " *bimum* III, 16, 17; V, 36; IX, 64; X, 103  
     " *elatum* III, 16  
     " *boreum* V, 45  
     " *brevicuspis* VIII, 95  
     " *bullatum* V, 87  
     " *caespiticium* III, 16, 17; VI, 95; VIII, 64, 94; X, 87, 104  
     " *calodictyon* IX, 35, 36  
     " *camptocarpum* VIII, 96  
     " *capillare* III, 13, 17; V, 9, 16; VII, 6; VIII, 64, 95  
     " *flaccidum* III, 17; V, 9  
     " *capitellatum* VIII, 95  
     " *cirratum* X, 87  
     " *concinatum* VI, 88  
     " *conditum* V, 70  
     " *coronatum* VIII, 79  
     " *crassirameum* v. *Covillei* V, 16  
     " *crispulum* V, 45; VIII, 55  
     " *cylindrico arcuatum* VI, 48, 66  
     " *cymbuliforme* V, 15  
     " *Dawsonense* V, 70  
     " *dimorphophyllum* IX, 6  
*Bryum dolomitricum* V, 45  
     " *Donianum* VIII, 54  
     " *drepanocarpum* VI, 48, 66; VIII, 96  
     " *Dusenii* V, 29  
     " *Duvallii* VII, 7  
     " *lato-decurrens* VII, 62  
     " *obtusatum* VI, 48, 66  
     " *elongatum* V, 29  
     " *erythrophyloides* IX, 6  
     " *erythrophyllum* IX, 6  
     " *erythropxyis* IX, 35  
     " *euryloma* V, 15  
     " *Fosteri* nom. nov. **VIII, 80**  
     " *foveolatum* VIII, 55  
     " *Fridtzii* V, 45  
     " *furvum* V, 45  
     " *Gerlachii* V, 28  
     " *gilvum* V, 45  
     " *globosum* VIII, 55  
     " *Groenlandicum* V, 29  
     " *Harrimani* VI, 48, 68  
     " *heterogynum* VI, 48, 67  
     " *Holzingeri* VII, II  
     " *imperfectum* V, 28  
     " *inclinatum* *Magellanicum* V, 28  
     " *rimosum* V, 45  
     " *inconnexum* V, 28  
     " *intermedium* III, 16  
     " *Jan-Mayense* V, 29  
     " *lacustre phaeodon* V, 45  
     " *lapidum* V, 45  
     " *Laurentianum* VI, 48, 67  
     " *leptodictyon* VI, 48, 67  
     " *limosum* V, 45  
     " *longisetum* VIII, 73  
     " *Lorentzii* V, 45  
     " *meeseoides* VI, 69; VIII, 96  
     " *Minnesotense* VII, 11  
     " *minus* V, 29  
     " *misandrum* V, 45  
     " *mucronigerum* VI, 48  
     " *mutilum* V, 45  
     " *naviculare* V, 49  
     " *nigrescens* V, 45  
     " *nutans* IX, 64  
     " *obtusifolium* V, 29; VI, 88  
     " *Ontariense* III, 19; X, 105  
     " *Oreganum* VIII, 95  
     " *oxystegium* V, 45  
     " *pachytheca* IX, 35  
     " *pallens* III, 13; IX, 6  
     " *arcuatum* VIII, 96  
     " *pallescent* VII, 51  
     " *cylindricum* V, 45  
     " *pendulum* V, 70; VII, 11; VIII, 112; IX, 64

- Bryum angustatum* VIII, 72  
 “ “ *Navadense* VIII, 72  
 “ *Pennsylvanicum* IX, 94  
 “ *peraristatum* IX, 35  
 “ *polare* VIII, 55  
 “ *polycladon* IX, 24  
 “ *polycladum* VIII, 72  
 “ *prolitterum* IX, 97  
 “ *proligerum* IV, \*62; V, 52, 84, 85; VII, 52  
 “ *proprium* V, 45  
 “ *provinciale* VIII, 95  
 “ *pseudostirtoni* VI, 48, 68  
 “ *pseudotriquetrum* III, 13, 16; V, 15; IX, 7; X, 7  
 “ “ *compactum* V, 86  
 “ *pumilum* V, 45  
 “ *roseum* III, 12, 17, \*18, 19; VI, 80, \*81  
 “ *Sawyeri* VII, 62  
 “ *saxatile* V, 45  
 “ *Saxonicum* X, 48  
 “ *sinuosum* V, 45  
 “ *squarrosum* VIII, 55  
 “ *stenodon* V, 45  
 “ *subtropurpureum* IX, 35  
 “ *subdrepanocarpum* VIII, 96  
 “ *sublaevigatum* IX, 41  
 “ *submuticum* V, 71  
 “ *subnitidulum* V, 29  
 “ *suborbiculare* V, 86  
 “ *subrotundum clavatum* V, 45  
 “ *subrutulum* V, 45  
 “ *Tasmanicum* f. *seta brevior* IX, 41  
 “ *teres* V, 29; VIII, 55  
 “ *tomentosum* V, 45  
 “ *torquescens* III, 17; V, 16  
 “ *Treleasei* VI, 48  
 “ *trichopodium* V, 45  
 “ *turbinatum* III, 13  
 “ *uliginosum* V, 71  
 “ *ventricosum* III, 16  
 “ “ *arcticum* V, 45  
 “ “ *compactum* V, 36  
 “ *Williamsi* V, 101
- Buellia* X, 39  
 “ *parasema* X, 66
- Burnettia* VII, 50; X, 89  
 “ *fabrofolia* IX, 44, 45  
 “ *Philippeana* VII, 31  
 “ *sericea* VII, 31  
 “ *subcapillata* IX, 44, 45  
 “ *subcapillatum* VI, 65; VII, 50
- Buxbaumiaceae* V, 94; VI, 63; VII, 38 39; X, 49
- Buxbaumia* I, 65, 66; VII, 38; IX, 11
- Buxbaumia aphylla* II, 55; III, 40, IV, 8, 9, 32, 33; V, \*73, 74; VI, 62, 76, 96; VII, 51; VIII, 3; IX, 26, 64  
 “ *indusiata* IV, 8, 33; V, \*73, 74; VII, 6; VIII, 4; IX, 64  
 “ *Piperi* IV, 8, 34
- Cacodon* IV, 47
- Calicium* VIII, 88, 89
- Callicostella cruceana* X, 100
- Calliergidium* V, 64
- Calliergon* III, 48; VI, 94
- Calypogeia* X, 24, 25, 26, 36  
 “ *arguta* X, 27, 30  
 “ *ericetorum* X, 24, 25  
 “ *fissa* X, 24 25, 26, 27, 28, 29, 30  
 “ *flagellifera* X, 24, 25  
 “ *integrifolia* X, 24  
 “ *Portoricensis* comb. nov. X, 30  
 “ *Sullivantii* X, 30  
 “ *Trichomanis* X, 24, 26, 28, 29, 82 83  
 “ “ *fissa* X, 29  
 “ “ *repanda* X, 29
- Camptothecium* III, 39; VI, 45  
 “ *hamatidens* VI, 44  
 “ *lutescens* VI, 44  
 “ *nitens* VIII, 94  
 “ *Nuttallii* VI, 44
- Campyllum* V, 48  
 “ *hispidulum* IX, 64
- Campylopus flexuosus* IV, 2  
 “ *Schwartzii* II, 84  
 “ *Woollii* IX, 35
- Capnoides* V, 96; VIII, 4
- Caryophyllaceae* VIII, 4
- Catharinea* III, 29; VII, 11; VIII, 5, 44, 45; IX, 97; X, 61  
 “ *angustata* I, \*64, 67; III, 30; VI, 95; IX, 64; X, 46, 75, 87, 105  
 “ *crispa* III, 12, 40; X, 46, 47  
 “ *glabrata* V, 80  
 “ *laevigatum* V, 80  
 “ *Macmillani* VII, 11; X, 105  
 “ *mollis Holzingeri* VII, 62  
 “ *rosulata* X, 53, 54  
 “ *Selwyni* X, 53, 54  
 “ *Tschuctschica* V, 80  
 “ *undulata* I, 63, 67; VIII, 43, 44; IX, 11, 54, 64; X, 46, 47, 87, 105  
 “ “ *minor* X, 46, 47
- Catoscopium* VII, 40
- Cephalanthus* V, 84
- Cephalozia* VI, 95, 96  
 “ *bicuspidata* IX, 5, 62  
 “ *catenulata* VIII, 31, 32

- Cephalozia connivens* VIII, 31, \*57, 59, 62, 98  
 “ *curvifolia* VIII, 31; IX, 62; X, 83, 91  
 “ *divaricata* VIII, 53; IX, 63  
 “ *fluitans* IX, 74, 75, \*76  
 “ *Francisci* IX, \*5, 6  
 “ *lunulaefolia* VIII, 31; IX, 63; X, 83  
 “ *media* VIII, 31  
 “ *myriantha* IX, 63  
 “ *serriflora* VIII, 31, 32, 53, 65; IX 63; X, 83  
 “ *Virginiana* VIII, 31; X, 83  
*Ceratodon* VII, 63, 74  
 “ *antarcticus* V, 28  
 “ *minor* VII, 99, IX, 64; X, 87  
 “ *purpureus* VI, 95; VIII, 43; IX, 35, 64; X, 104  
 “ “ *aristatus* X, 104  
*Cetraria* V, 12, 60  
 “ *aculeata* IV, 44  
 “ *aleurites* IV, 45  
 “ *aurescens* IV, \*44; VIII, 51; IX, 49  
 “ *ciliaris* IV, \*42, 43, 60; VIII, 104; IX, 4, 47, 48; X, 64  
 “ *cucullata* IV, \*43  
 “ *glauca* IV, 44; IX, 49; X, 64  
 “ “ *stenophylla* IV, 44  
 “ *Islandica* IV, \*43; VIII, 103; IX, 4, 48  
 “ *juniperina* IV, \*42; IX, 49  
 “ “ *Pinastri* IV, 42; V, 60; X, 49  
 “ *lacunosa* IV, \*41, 42, 43, 60; VIII, 51, 104; IX, 47, 49; X, 64  
 “ *nivalis* IV, \*44  
 “ *Oakesiana* IV, \*43, 76; IX, 47, 49, 81; X, 64  
 “ *platyphylla* IV, \*45  
 “ *Richardsonii* IX, 4  
 “ *saepincola* IX, 4  
*Chiloscyphus* VII, 94, 95  
 “ *ascendens* IX, 63  
 “ *polyanthus* VIII, 53  
 “ “ *rivularis* VII, 95; IX, 63  
*Chlorea vulpina* X, 101  
*Cincinnulus* X, 24, 25, 26  
 “ *calypogea* X, 29  
 “ *Trichomanis* X, 24, 28  
 “ *fissa* X, 29  
*Cinclidium* V, 86  
*Cinclidotus fontinaloides* III, 30  
*Cirriophylum Boscii* X, 87, 106  
*Cladonia* IV, 41; VII, 73; VIII, 74, 75, 88, 89; X, 39  
 “ *alpestris* VI, \*23  
*Cladonia amaurocraea* VI, \*24; VII, 55; VIII, 38; IX, 51  
 “ *bacillaris* IX, 51; X, \*77, 78, 79  
 “ “ (a) *clavata* X, 78  
 “ *bellidiflora* X, 77  
 “ *Boryi* VI, 25; IX, 82  
 “ *botrytes* IX, \*89; X, 97  
 “ *caespiticia* VIII, 51; IX, 23, 51, \*89, 90  
 “ *cariosa* VIII, 37, 51; IX, 21, 22, \*23, 51, 57, 58, 59  
 “ “ *corticata* IX, 24  
 “ “ *squamulosa* IX, 24  
 “ *carneola* X, 57, 97, 100  
 “ *cenotea* VI, \*25  
 “ “ *crossota* VI, 26  
 “ “ *furcellata* IX, 48, 82  
 “ *coccifera* X, \*97, 99  
 “ “ *ochrocarpia* X, 109  
 “ “ *pleurota* X, 99  
 “ “ *stematina* X, 99  
 “ *cornucopioides* VIII, 102; IX, 51; X, 92  
 “ *var. cribrosa* IX, 22  
 “ *crispata* VII, 53, 57  
 “ “ *infundibulifera* VII, 53, \*58  
 “ “ *subcrispata* VII, 53  
 “ *cristatella* VIII, 102; IX, 48, 51; X, 57, 66, 67, \*97  
 “ “ *ochrocarpia* X, 97, 98  
 “ “ *paludicola* X, 98  
 “ “ *ramosa* X, 98  
 “ “ *vestita* X, 98  
 “ *decortica* VIII, 51  
 “ *decorticata* X, 22, 41, \*42  
 “ *deformis* IX, 51; X, 57  
 “ *degenerans* X, 41, 42, 43, \*44, 45  
 “ “ *cladomorpha* X, 45  
 “ “ *euphorea* X, 45  
 “ *delicata* IX, 51, \*89, 91; X, 21, 22  
 “ *didyma* X, 77, 79  
 “ “ *f. Muscigena* X, 79  
 “ *fimbriata* VII, \*21, \*22, 53; VIII, 37, 51, 102; IX, 21, 51, 90; X, 57  
 “ “ *apolepta* VII, 26; IX, 82  
 “ “ *Balfourii* VII, 26  
 “ “ *borbonica* VII, 27  
 “ “ *chlorophaeoides* VII, 27  
 “ “ *coniocraea* VII, \*25; IX, 51, 82; X, 66  
 “ “ *cornutoradiata* VII, \*24  
 “ “ *fibula* VII, 25  
 “ “ *nemoxyma* VII, 25  
 “ “ *ochrochlora* VII, 26  
 “ “ *prolifera* VII, \*23



- Cladonia fimbriata radiata* VII, \*24  
 “ *fimbriata simplex* VII, \*23; IX, 51; X, 57  
 “ “ *subulata* VII, \*24  
 “ “ *tubaeformis* VII, 25; VIII, 51; X, 66  
 “ *floerkeana ochrocarpia* X, 98  
 “ *furcata* VI, 24; VII, \*53, \*54, 56; IX, 21, 48, 51; X, 21, 66  
 “ “ *crispata* VII, 53, 58; IX, 51; X, 42  
 “ “ *Finkii* VII, \*55  
 “ “ *palmaea* VII, 57  
 “ “ *paradoxa* VII, \*53, 55, 57; IX, 51, 82  
 “ “ *pinnata* VII, \*56  
 “ “ *pungens* VII, 53  
 “ “ *racemosa* VII, \*55, 56; IX, 51  
 “ “ *scabriuscula* VII, \*56; X, 41  
 “ “ “ *farinacea* VII, 56  
 “ “ *subulata* VII, 57; VIII, 102  
 “ “ *truncata* VII, 56  
 “ *gracilis* VII, 85, 88; VIII, 37, 38, 41, 110; IX, 21, 51; X, 45  
 “ “ *anthocephala*, VIII, \*39  
 “ “ *aspera* VIII, \*40  
 “ “ *chordalis* VIII, \*38, 39, 40, 110  
 “ “ *delicata* X, 66  
 “ “ *dilacerata* VIII, \*38, 39, 40; IX, 48, 51  
 “ “ *dilatata* VII, \*85; VIII, 38, 39, 40; IX, 51; X, 42, 45  
 “ “ *elongata* VIII, \*38, 39, 40; 110; IX, 82  
 “ “ *hybrida* VIII, 39; IX, 51  
 “ “ *laontera* VIII, \*40  
 “ “ *symphyrcarpia* VIII, 37  
 “ “ *verticillata* VIII, 102, 110; IX, 51  
 “ *incrassata* X, 97  
 “ *leptophylla* IX, 57, 59  
 “ *macilenta* VIII, 51; X, \*77, 78, 79  
 “ *mitrula* IX, 23, 51, \*57, 58, 59, 60, 89, 90; X, 78, 97  
 “ “ *abbreviata* IX, 59  
 “ “ *imbricata* IX, 59  
 “ *papillaria* IX, 82  
 “ *pityrea* IX, 82; X, 41, \*57, 59, 97  
 “ “ *cladomorpha* X, 60  
 “ “ *phyllophora* X, 60  
 “ “ *subacuta* X, 60  
 “ *pulchella* X, 79, 98  
 “ *pyxidata* VII, 23; VIII, 84, 102, 110; IX, 51; X, 41, \*57, 60, 97, 100
- Cladonia pyxidata chlorophaea* IX, 51, 82; X, 58, 66  
 “ *neglecta* IX, 51; X, 58, 66  
 “ “ *pocillum* X, 58  
 “ *rangiferina* II, 51; VI, \*21, 54; VII, 55; VIII, 102; IX, 51; X, 66  
 “ “ *alpestris* VI, 54; IX, 51  
 “ “ *sylvatica* VI, 54; IX, 48, 51  
 “ *rangiformis* VII, 53  
 “ *squamosa* VIII, 51; IX, 51, 89, X, \*21, 23, 41, 66  
 “ “ *denticollis* IX, 82; X, \*22, 23  
 “ “ “ *squamosissima* X, \*32  
 “ “ *multibractiata* X, 22  
 “ “ *muricella* X, 22  
 “ “ *phyllocoma* X, \*23  
 “ *subcariosa* VIII, 37; IX, \*57, 58  
 “ *subolescens* IX, 23  
 “ *subsquamosa* X, \*21, 23  
 “ *substraminea* X, 97, 98  
 “ *sylvatica* VI, \*22  
 “ “ *laxiuscula* VI, 23  
 “ “ *pumila* VI, 23  
 “ “ *sylvestris* VI, 23  
 “ *symphyrcarpa*, IX, 23, 24  
 “ “ *epiphylla* IX, 90  
 “ *symphyrcarpia* IX, 58  
 “ *turgida* IV, \*26; IX, 51; X, 58, 66  
 “ “ *conspicua* VI, 27  
 “ “ *grypea* VI, 26  
 “ *uncialis* VI, 24; IX, 51  
 “ “ *delacerata* VI, 25  
 “ “ *obtusata* VI, 25; IX, 48  
 “ “ *turgescens* VI, 25  
 “ var, *cribosa* IX, 22  
 “ “ *dilatata* IX, 21  
 “ *verticillata* VII, \*85, 86, 88; VIII, 30, 110, 111; IX, 21, 51; X, 66  
 “ “ *abbreviata* VII, 88; VIII, 112  
 “ “ *f. aggregata* VIII, 111  
 “ “ *f. apoticta* VIII, 110, 111, 112  
 “ “ *f. centralis* VIII, 111  
 “ “ *cervicornis* VII, 87; VIII, 112  
 “ “ *evoluta* VII, \*87; VIII, 51, 110, 111, 112; IX, 21, 51, 82  
 “ “ *evoluta m. phyllocephada* VIII, 110, 111, 112  
 “ “ *Krempelhuberi* VIII, 110  
 “ “ *f. lateralis* VIII, 111  
 “ “ *marginalis* VIII, 111  
 “ “ *f. phyllophora* VIII, 112  
 “ “ *f. polycarpoides* VIII, 112

- Cladonia verticillata subcervicornis* VII, 87; VIII, 110  
*Claopodium* III, 19  
 “ *Bolanderi* I, 43; III, 19; IX, 96  
 “ *crispifolium* VI, 44; IX, 96  
 “ *pellucinerve* III, 19; VI, 39  
 “ *Whippleanum* III, 19. IX, 96  
*Clasmatodon* X, 100  
 “ *parvulus* IX, 24; X, 100  
*Clatonia Chamissoi* VII, 43; IX, 30  
*Climacium* IV, 52, \*53; VIII, 5  
 “ *Americanum* III, 37; IV, \*53, 54, \*55; VI, 15; VIII, 94; IX, 8, 38, 39, 64; X, 86  
 “ “ *fluitans* IX, 39  
 “ “ *Kindbergii* V, 36; VIII, 65; X, 87  
 “ “ *pseudo-Kindbergii* IX, 8  
 “ *dendroides* IV, \*53, \*55; V, 98; VI, 15; IX, 38; X, 105  
 “ *Kindbergii* IV, 54, \*55; V, 10; IX, 8, 27, 38  
 “ *pseudo-Kindbergii* IX, 38  
*Collema* VII, 46  
 “ *flaccidum* VII, \*45, 46, 48; IX, 50  
 “ *nigrescens* VII, \*45, 46, 47; IX, 50  
 “ “ *leucopepla* VII, 47  
 “ *pulposum* VII, 47  
*Collinum* (Group) V, 44  
*Cololejeunea Biddlecomiae* VI, 28, 32; VIII, 53; IX, 63  
 “ *Jooriana* VI, \*21, 27, 32  
 “ *Macounii* VI, 27  
*Coniocybes* VIII, 89  
*Conocephalum* X, 47  
 “ *conicum* IV, 40, 68; IX, 62; X, 80, 81  
*Conocephalus* VII, 92  
*Conomitrium* V, 57, 58, 84  
 “ *Hallianum* V, 84  
 “ *Hedwigii* V, 84  
*Coscinodon Raui* II, 80, 81; VII, 43, 62; VIII, 113  
 “ *Renauldi* II, 81  
 “ *Wrightii* II, 80, 81; VII, 43, 62; VIII, 113  
 “ “ *brevis* II, 81  
*Corydalis* V, 96  
*Craetegus* VIII, 74  
*Crassicostata* VIII, 7  
*Cryphaea* V, 1; VIII, 5  
 “ *glomerata* X, 87  
 “ *Ravenellii* IX, 39, 40  
*Cryphaeadelphus* VII, 80; VIII, 5; IX, 37, 38  
 “ *robustus* VII, 48  
*Cyanthophorum pennatum* IX, 11  
*Cyclodictyon varians* X, 100  
*Cyclophyllotum* III, 48  
*Cylindrothecium* VIII, 4, 5  
 “ *cladorrhizans* X, 88  
 “ *compressum* X, 88, 105  
 “ *Demetrii* X, 105  
 “ *seductrix* III, 12; VI, 54; X, 88, 105  
*Cynodontium Bruntonii* IX, 94  
 “ *Fuegianum* V, 28  
 “ *gracilescens* X, 6  
 “ *polycarpum Alaskanum* VI, 48, 49  
 “ “ *laerifolium* V, 44  
 “ “ *laxirete* VI, 49  
 “ “ *scabrius* V, 44  
 “ *Schisti* V, 9  
 “ *strumiferum* V, 68  
 “ *torquescens* V, 68  
 “ *Treleasei* VI, 48  
 “ *virens* VII, 30  
 “ “ *nigrescens* V, 68  
 “ “ *Wahlenbergii* IX, 64  
*Cyphelium* VIII, 89  
*Dawsonia* I, 65  
 “ *longiseta* IX, 41  
*Dendroalsia* IX, 40  
 “ *abietina* IX, \*37, 40, 96  
 “ *circinnata* IX, 40  
 “ *longipes* X, 8  
*Dentroligotrichum dendroides* III, 51  
*Dendropogon* IX, 39  
*Dendropogonella* nom. nov. **IX, 39**  
 “ *rufescens* IX, \*9  
*Desmatodon* V, 69; VII, 63  
 “ *arenacens* X, 104  
 “ *Bushii* VIII, 10, 11  
 “ *plinthobius* X, 104  
 “ *Porteri* IV, 25  
 “ *systelioides* IV, 25; VI, 49; VIII, 11  
 “ *systylius* IV, 25  
*Dichelyma* VII, 48, 80  
 “ *capillacea* III, 12  
 “ *capillaceum* III, 40; V, 16  
 “ *falcatum* III, 10  
 “ *pallescens* I, 66  
*Dichodontium fagimontanum* V, 100  
 “ *flavescens* V, 100; VI, 49  
 “ *pellucidum* V, 100  
 “ “ *Kodiakanum* VI, 48, 49  
*Dicranella* VII, 63; VIII, 79  
 “ *alatum* VIII, 9  
 “ *Bonjeani* VIII, 9  
 “ “ *alatum* VIII, 9  
 “ *cerviculata* VI, 61; VIII, 43, 44  
 “ *curvata* Missouriica VIII, 9

- Dicranella Fitzgeraldi* X, 87  
 “ *fuscescens* VIII, 43  
 “ *heteromalla* II, 27; V, 82; VIII, 53; IX, 26, 64; X, 69, 87, 104  
 “ “ *compacta* X, 104  
 “ “ *latinervis* VI, 48, 49  
 “ “ *orthocarpa* X, 87  
 “ “ *sericea* VIII, 52  
 “ *montanum* VIII, 64  
 “ *rufescens* III, 12; VIII, 64; X, 87  
 “ *undulatum* VIII, 43  
 “ *varia* VII, 74; VIII, 43, 64; X, 48, 87, 104  
 “ *viride* VIII, 64  
*Dicranodontium* V, 69, 96, 97; VII, 63; X, 103  
 “ *longirostre* VII, 6; IX, 64, 97  
*Dicranoweisia cirrhata* II, 112  
 “ *compacta* V, 49, 100  
 “ *crispula* V, 100  
 “ *subcompacta* V, 49  
*Dicranum* I, 86; VII, 37, 38  
 “ *Andersonii* V, 45  
 “ *angustatum* IV, 75; V, 68  
 “ “ *fertile* V, 44  
 “ *Bergeri* II, 25; III, 11, 12  
 “ *Blytii* II, 25  
 “ *Bonjeani* II, 26; IV, 76; VI, 95; VII, 6; X, 7  
 “ “ *polycladon* V, 30  
 “ *Demetrii* VI, 86; VII, 30  
 “ *Drummondii* II, 26, 27; VI, 15; IX, 64  
 “ *elongatum* II, 26; IV, 40; VI, 86  
 “ *falcatum* II, 26; V, \*37  
 “ *flagellare* I, 89, 91; II, 26; IV, 2; VI, 49, 95; IX, 64; X, 87  
 “ “ *minutissimum* IX, 26  
 “ *fragilifolium* VII, 62  
 “ *fulvellum* II, 26  
 “ *fulvum* I, 89, 91; II, 26; III, 11, 40; V, 82; VI, 87; IX, 64; X, 87, 104  
 “ *fuscens* I, 88, 91; II, 26; III, 11; VI, 87; IX, 64, 96  
 “ *Groenlandicum* V, 30  
 “ *hispidulum* V, 100  
 “ *laticostatum* V, 28  
 “ *longifolium* VI, 95; IX, 64, 96  
 “ “ *subalpinum* II, 26, 27; III, 84  
 “ *Magellanicum* V, 28  
 “ *majus orthophyllum* V, 68  
 “ *montanum* II, 26, 112; III, 11; VI, 86; IX, 64  
 “ *Muhlenbeckii* II, 26  
*Dicranum pallidum* I, 89, 91; II, 26  
 “ *palustre* IV, 76; V, 50  
 “ *Sauteri* II, 26  
 “ *Schisti* II, 25  
 “ *Schraderi* III, 11  
 “ *scoparium* I, \*87, 88, 91; II, 26; IV, 2; VI, 95; IX, 64; X, 87, 104, 109  
 “ “ *orthophyllum* X, 104  
 “ “ *pallidum* X, 87  
 “ “ *scoparioides* IX, 64  
 “ “ *squarrosus* IX, 64  
 “ *spurium* II, 26, 27, 84  
 “ “ *condensatum* I, 89  
 “ *Starkii* II, 27; V, 100  
 “ *strictum* II, 27  
 “ *subflagellare* VI, 48, 49  
 “ *subfulvum* VI, 87; VII, 30  
 “ *subuletorum* X, 87  
 “ *trachyphyllum* VI, 86  
 “ *undulatum* I, 44, 88, 91; II, 27; III, 11; V, \*37; IX, 64  
 “ *viride* II, 27; III, 40; IV, 2; VI, 95; IX, 64  
 “ “ *laeve* IV, 75  
*Didymodon* V, 97; VII, 63  
 “ *cylindricus* VII, 7  
 “ *denudatus* V, 96  
 “ *homomallus* V, 97  
 “ *Macounii* IV, 27  
 “ *rigidulus* V, 97  
 “ *rigidum* III, 21  
 “ *riparium* VII, 69  
 “ *riparius* IV, 27  
 “ *rubellus* VIII, 53  
 “ *tophaceus decurrens* VIII, 10  
 “ “ *elatus* VIII, 10  
*Diphyscium* VIII, 5, 79; IX, 11  
 “ *foliosum* I, 66; V, 73; X, 88, 105  
 “ *sessile* X, 88  
*Diplolepideae* VI, 63; VII, 37  
*Diplophyllia apiculata* VIII, \*57, 60  
 “ *taxifolia* VIII, 53; IX, 97; X, 84  
*Diplophyllum* III, 29  
*Dissodon mirabilis* V, 28  
*Distichia* VIII, 5  
*Distichium capillaceum* VI, 52; VIII, 107, 108  
 “ *Hagenii* V, 44; VIII, 54  
 “ *inclinatum* IX, 24  
*Ditrichum* V, 97; X, 7  
 “ *affine* IX, 35  
 “ *elatum* IV, 50, 51, 52  
 “ *flexicaule brevifolium* VII, 43; VIII, 113  
 “ *giganteum* V, 68  
 “ *homomallum* VII, 6

- Ditrichum pallidum* IV, 46; VI, 95; X, 87, 104  
 “ *tenuifolium* VI, 61  
 “ *tortile* X, 87  
 “ *pusillum* III, 50; X, 87  
 “ *vaginans* VI, 54; X, 88  
*Doliolidium* IV, 11  
*Drepanocladus* VIII, 7  
 “ *aduncus* VIII, 7  
 “ *brevifolius* VIII, 7, 8  
 “ *capillifolius* VIII, 7, 8  
 “ *exannulatus* VIII, 8  
 “ *fluitans* VIII, 8  
 “ *intermedius* VIII, 7  
 “ *Kneiffi* VIII, 7  
 “ *latifolius* VIII, 7, 8  
 “ *latinervus* VIII, 7  
 “ *lycopodioides* VIII, 7, 8  
 “ *polycarpus* VIII, 7  
 “ *pseudofluitans* VIII, 7, 8  
 “ *pseudorufescens* VIII, 8  
 “ *revolvens* VIII, 7  
 “ *Rotae* VIII, 8  
 “ *Sendtneri* VIII, 7  
 “ *simplicissimus* VIII, 7, 8  
 “ *subaduncus* VIII, 7, 8  
 “ *ucinatus* VIII, 8  
 “ *plumosus* VIII, 8  
 “ *vernicosus* VIII, 7  
*Drummondia* VI, 6  
 “ *clavellata* VIII, 64; X, 88, 104  
*Dryopteris spinulosa intermedia* IX, 73  
*Eccremidium pulchellum* IX, 36  
*Ectropothecium Caloosense* VII, 50  
 “ *globithea* VII, 50  
*Eleutera* V, 72, 96; VI, 59, 60; VIII, 4, 5, 6  
 “ *disticha* V, 72  
 “ *Fontinaloides* V, 72  
 “ *Jamaicensis* VI, 59  
*Encalyptaceae* VI, 68; VII, 38  
*Encalypta* VII, 38, 39  
 “ *apophysata* VII, 39  
 “ *brevicolla* VII, 38, 39  
 “ *ciliata* III, 40; VII, 38  
 “ *commutata* VII, 38  
 “ *contorta* VIII, 107, 108  
 “ *longicolla* VII, 38, 39  
 “ *mutica* V, 44; VIII, 54  
 “ *procera* VII, 38, 39; VIII, 107, 108, 109; IX, 32  
 “ *Selwyni* VIII, 109; IX, 32  
 “ *streptocarpa* VIII, 107  
 “ *Tasmanica* IX, 35  
*Endocarpon* VIII, 89; X, 41  
 “ *fluviatile* IX, 52  
 “ *miniatum* VIII, 103  
*Endocarpon miniatum aquaticum* IX, 52  
 “ *miniatum complicatum* IX, 52  
*Entodontaceae* X 100  
*Entodon* V, 54; VI, 95; VIII, 5; X, 100  
 “ *cladorrhizans* III, 50; X, 88  
 “ *compressus* III, 50; X, 88  
 “ *cylindrothecium* VIII, 94  
 “ *Demetrii* I, 44  
 “ *Drummondia* IX, 24  
 “ *palatinus* V, 10  
 “ *reptans* III, 50; V, 10  
 “ *seductrix* V, 16; VIII, 94; X, 88  
 “ “ *Demetrii* I, 44  
 “ “ *lanceolatus* I, 43  
 “ “ *minus* I, 44  
*Entosthodon* VI, 65  
 “ *ericetorum* III, 34  
 “ *Leibergii* n. sp. **III, 34, \*35**  
 “ *spatulifolius* VI, 48, 65  
*Ephemeraceae* VII, 38, 63  
*Ephemerum* VII, 63  
 “ *crassinervium* VI, 37; X, 13, 103  
 “ *cristatum* IX, 36  
 “ *serratum* VIII, 77; IX, 11  
*Equisetum hyemale* VIII, 94  
 “ *scirpoides* VIII, 94, 109  
*Erpodium* IX, 37, 38  
 “ *biseriatum* VIII, 71; IX, 37  
 “ *Cubense* VIII, 71; IX, 37  
 “ *diversifolium* VIII, 71; IX, 37  
 “ *Domingense* VIII, 71; IX, 37, \*38  
 “ *Paraguense* IX, 37  
 “ *Pringlei* IX, 37  
*Eurhynchium* III, 39, 50; VIII, 4  
 “ *Brittoniae* III, 8  
 “ *fallax* V, 40; IX, 96  
 “ “ *Taylorae* V, 41  
 “ *hians* VI, 15; X, 88  
 “ *Oreganum* V, 41; VI, 44; IX, 96  
 “ *pralongum* VI, 45; IX, 96; X, 88, 106  
 “ “ *Californicum* III, 8  
 “ “ *Stokesii* IX, 96  
 “ *stoloniferum* V, 40; IX, 95, 96  
 “ *strigosum* II, 84; V, 88; IX, 64  
 “ “ *diversifolium* III, 50  
 “ “ *praecox* III, 8, 50; IX, 27  
 “ “ *robustum* II, 84; X, 88  
 “ “ *scabrisetum* III, 8; X, 88  
 “ *Taylorae* V, 40  
*Eubryum* III, 16  
*Eucladium verticillatum* IX, 40

- Eugrimmia* III, 20, 48, 49; IV, 10  
*Euhomalotheceum* VII, 31  
*Eulejeunea serphyllifolia* VI, 80  
*Euleskea* VI, 98  
*Euweisia* VII, 8  
*Evernia* V, 12  
     " *furfuracea* IV, \*38; VIII, 51,  
         103; IX, 49; X, 64  
     " " *cladonia* IV, 38  
     " *prunastri* IV, \*38, 40; VIII,  
         103; IX, 47, 49  
     " *vulpina* V, \*38; IX, 4; X, 101  
*Exanulatus* (Group) VIII, 8  
*Exobasidium discoideum* VII, 42, 43  
     " *rhododendri* VII, 42  
*Fabroleskea Austinii* VI, 74, 75, 94,  
     95; VII, 7, 42  
*Fabronia* IX, 45  
     " *Scottiae* IX, 35  
     " *Tayloriana* IX, 35  
     " " *foliis integris* IX, 35  
*Fagus Americana* VII, 51  
*Fimbriaria* VII, 92  
*Fissidentaceae* VII, 38  
*Fissidens* VII, 94  
     " *adiantoides* III, 27; VIII, 49,  
         94; IX, 64; X, 73  
     " " *marginatus* VIII, 40  
     " *Bambergeri*, X, 68, 69, 71, 72,  
         74  
     " *bryoides* III, 26, 30; V, 58; X,  
         68, 69, 70, 72, 73, 74  
     " " *gymnandrus* V, 13; X, 68,  
         69  
     " " *inconstans* X, 68  
     " " *intermedius* X, 68  
     " *Bushii* VIII, 10  
     " *Closteri* III, 26  
     " *crassipes* X, 69  
     " *cristatus* III, \*27; VIII, 49; X,  
         69, 73  
     " *debilis* V, 84  
     " *decipiens* III, 29; VIII, 49; X, 88  
     " " *Winonense* VI, 87; VII, 62  
     " *dubius* VIII, 49  
     " *elamellosus* IX, 35  
     " *exiguus* X, 68, 70, 72, 73, 74  
     " *Floridanus* III, 29, 30; VIII, 49  
     " *grandifrons* III, 26, 28, 30; V,  
         12, 56, \*57, 58; VIII, 79, 80  
     " *Hallianum* V, 84  
     " *Hallianus* III, 26  
     " *hyalinus* III, 26, 28; V, 84  
     " *impar* X, 68  
     " *inconstans* X, \*67, 68, 69, 71,  
         72, 73, 74  
     " *incurvus* III, 26, 27, 30, 40; X,  
         68, 69, 71, 72, 73, 74, 88, 104  
     " *incurvus minutulus* III, 26, 40  
     " *insignis* III, 29  
     " *Julianum* V, 58  
     " *Julianus* III, 26; V, 48; X, 104  
     " *macrodon* IX, 35  
     " *Metzgeria* V, 57, 58  
     " *Mexicanus* V, 84  
     " *minutulus* X, 67, 68, 70, 72, 74,  
         88  
     " *obtusifolius* III, 27; X, 104  
     " *osmundoides* III, 27; V, 78, 84;  
         X, 74  
     " *polypoidoides* III, 26  
     " *Porteri* X, 68  
     " *pusillus* X, 69, 72, 88, 104  
     " " *brevifolius* VIII, 10  
     " " *Lylei* X, 73  
     " " *madius* X, 72  
     " *Ravenelii* III, 27; IX, 24  
     " *rupestris* VIII, 49  
     " *semicompletus* V, 83, 84  
     " *subbasilaris* III, 26; VIII, 10  
     " " *Bushii* V, 13; VIII, 10  
     " *synoicus* X, \*67, 68, 70, 71, 72  
     " *taxifolius* III, 27, 28, 30, 40; V,  
         58; VI, 54; VIII, 10; X, 74,  
         88  
     " *viridulus* X, 72, 104  
     " " *Lylei* X, 73  
*Floribundaria capilliramea* VIII, 50  
     " *pendula* X, 8  
*Fontinalaceae* VII, 48  
*Fontinalis* VIII, 5  
     " *antipyretica* X, 103  
     " " *gigantea* IV, 40; IX, 28, 64  
     " *biformis* X, 88, 105  
     " *Dalecarlica* VIII, 64; IX, 26,  
         64; X, 103  
     " " *Macounii* I, 67  
     " *distichum* VIII, 6  
     " *flaccida* X, 105  
     " *Holzingeri* II, 81  
     " *Juliana* V, 84  
     " *Lescurii* IV, 40; IX, 7  
     " *MacMillani* I, 67  
     " *Missourica* I, 44; II, 81; X, 105  
     " *Neo-Mexicana Columbica* IX,  
         106  
     " *Novae-Angliae* VII, 12; X, 88  
     " *obscura* VII, 11  
     " *patula* I, 44  
     " *pennata* VIII, 6  
     " *seriata* IX, 8  
     " *subcarinata* IX, 7  
     " *subulata* VII, 48  
     " *Waghornei* I, 44  
*Formes fomentarius* VIII, 31

- Forsstroemia* IX, 39, 40  
     " *Floridana* IX, 40  
     " *immersa* IX, 40  
     " *nitida* IX, 40  
     " *Ohioensis* IX, 40  
     " *trichomitria* IX, 40; X, 88  
*Fossombronia faveolata* X, 82  
     " *Wondraczekii*, VIII, 53  
*Frullania* VI, 28; VII, 94, \*97, 98  
     " *aeolotis* V, 4  
     " *Asagrayana* V, 3, \*4, 5, 16; VII, \*97, 98; IX, 63; X, 80, 84, 91  
     " *Brittoniae* V, 3, 5; VIII, 53, \*57, 60, 61, 62, 65; X, 84  
     " *dilatata* V, 5  
     " *Eboracensis* V, 3, \*4, 5, 16; VII, \*97, 98; VIII, 65; IX, 63; X, 84, 91  
     " *Oakesiana* V, 3, 4; X, 102  
     " *plana* V, 3, 5; X, 84  
     " *riparia* V, 3, 4; VIII, 53  
     " *saxicola* V, 5  
     " *Selwyniana* V, 3, 5  
     " *squarrosa* V, 3, 4; VIII, 65; X, 84, 91  
     " *Tamarisci* V, 3, 5  
     " *Virginica* V, 3, 5  
*Funariaceae* VI, 63  
*Funaria* VI, 80; VII, 37, 38; X, 48  
     " *Americana* V, \*6, 7  
     " *apophysata* IX, 35  
     " *calvescens* VIII, 79  
     " *flavicans* IV, \*9, 10; X, 104  
     " *hygrometrica* II, 52, 53, \*54, 55; IV, 10; VI, 91, 95; VII, 74; VIII, 43; IX, 11, 64; X, 60, 61, 80, 88, 104  
     " " *arctica* V, 70  
     " " *sphaerocarpa* IX, 35  
     " *Muhlenbergii* VII, 80  
     " *obtusa* III, 34  
     " *pilifera* IX, 36  
     " *Tasmanica* IX, 35  
*Geocalyx* VII, 95; VIII, 61, 62  
     " *graveolens* IX, 63; X, 83  
*Georgiaceae* VII, 38; X, 49  
*Georgia* V, 54, 55; VII, 38; VIII, 5  
     " *pellucida* I, \*64, 65, 67; II, 81; III, 12; IV, 2, 34, 40; VI, 16, 95; VII, \*38; VIII, 43; IX, 26  
*Gigaspermum repens* IX, 36  
*Girgensohnia* IX, 39  
*Glyphocarpa* VII, 29  
     " *Baueri* VII, 28  
*Gongylanthus* X, 25, 26  
*Goniomitrium acuminatum* IX, 36  
     " *enerve* IX, 36  
*Graphis* VIII, 87  
     " *scripta* VIII, \*84, 105; IX, 48; X, 66  
     " " *erecta* X, 66  
     " " *gracilens* VIII, 51  
*Grimaldia* VII, 92  
*Grimmiaceae* VII, 38  
*Grimmia* VII, 63; IX, 11  
     " *alpestris* V, 14; VIII, 49  
     " *ambigua* VII, 6  
     " *anodon* VI, 62  
     " *anomola* IV, 27  
     " *apocarpa* V, 36; VI, 94, 95; VIII, 43, 64; IX, 41; X, 104  
     " " *gracilis* VII, 6  
     " " *rivularis* III, 30; VII, 6  
     " " *robusta* X, 104  
     " *atricha* X, 63  
     " *Brittoniae* VIII, 48  
     " *caespiticia* III, 34  
     " *campestris* III, 20, \*21; VIII, 77; IX, 34  
     " *cognata* VIII, 36  
     " *commutata* III, 21  
     " *conferta* VII, 6  
     " " *var.* VII, 6  
     " *obtusifolia* VII, 6  
     " *cygnicollis* IX, 34  
     " *Donii sudetica* VII, 6  
     " *Dupreti* n. sp. **X, \*62, 63, 64**  
     " *elator* VIII, 36  
     " *Evansi* III, 33  
     " *Flettii* VIII, 54  
     " *glauca* IX, 24, \*29  
     " *Holzingeri* n. sp. **IV, 10, 11, 12, \*24, 25**  
     " *lamellosa* V, 14; VIII, 49, 50  
     " *Leibergii* V, 29  
     " *leiocarpa* IX, 34  
     " *leucophaea* VIII, 77; IX, 29, 30, 31  
     " *Manniae* IV, 10, 11, 12, \*24, 25  
     " *mollis* II, 27; V, 49; VII, 43  
     " *Montanae* V, 13  
     " " *Idahensis* V, 13  
     " *Muhlenbeckii* IX, 24  
     " *Olneyi* III, 20, \*21; X, 88  
     " *ovata* III, 21  
     " *pachyphylla* V, 29  
     " *Pennsylvanica* VII, 6; X, 88  
     " " *Bestii* var. nov. **VII, 6**  
     " *Philbertiana* IV, 27  
     " *pilifera* X, 88  
     " *plagiopodia* IV, 11  
     " *prolifera* VIII, 54  
     " *pseudo-Montana* V, 13  
     " *pulvinata obtusa* IX, 34

- Grimmia subsulcata* V, 14, 49; VII, 43; VIII, 50  
 " *sulcata* III, 34  
 " *tenuecaulis* III, 49  
 " *teretinnervis* III, \*20, 21; IV, 12; VII, 43; VIII, 113; IX, 80  
 " *torquata* IV, 2; VIII, 54  
 " *tortifolia* VIII, 54  
 " *trichophylla* VIII, 36  
 " *unicolor* VII, 7  
*Groutia* IX, 40  
*Gymnocybe palustris* VIII, 94  
*Gymnomitrium* II, 21, 51; VIII, 62  
*Gymnostomum* V, 14, VIII, 63  
 " *calcareum* X, 69, 71  
 " " *tenellum* VI, 86  
 " " *Winonense* VI, 86  
 " *curvirostre* VIII, 113  
 " " *scabrum* V, 52; VII, 7  
 " *curvirostrum* III, 40; VII, 7; X, 103  
 " " *commutatum* IV, 75  
 " *Donianus* IV, 62  
 " *microstomum* V, 13; VII, 8  
 " *murale* V, 14  
 " *rostellatum* VII, 8  
 " *rupestre* IV, 63; VII, 7; X, 103  
 " *scabrum* IV, 75  
 " *tortile* VII, 8  
*Gyrophora* V, 89  
 " *Dillenii* VIII, 74, 75  
*Gyrophoras* VIII, 89  
*Gyroweisia tenuis compacta* V, 44; VIII, 54  
*Habrodon Notarisii* V, 54; X, 100  
 " *perpusillus* X, 100  
*Harpalejeunea ovata* VI, 28, 29  
*Harpanthus* VII, 95  
 " *scutatus* VIII, \*57, 61; IX, 63; X, 83  
*Harpidium* VI, 44, 93; VIII, 7  
 " *exanulatum* VI, 62  
 " *Kneiffii* VI, 62  
 " *polycarpum*, VI, 62  
*Harrisonia* VIII, 5  
*Hedwigia* VII, 63; VIII, 5  
 " *albicans* I, 67; V, 36; VI, 94, 95; VIII, 43; IX, 34, 38  
 " " *detonsa* I, 67  
 " " *viridis* X, 89  
 " *ciliata* I, 67; III, 12; VIII, 43; IX, 11, 34, 64; X, 104  
 " " *secunda* VIII, 64  
 " " *viridis* X, 89  
 " *microcyathea* IX, 34  
*Hedwigidium* VIII, 5  
 " *imberbe* IX, 34  
*Heimii* (Group) VIII, 11  
*Helicodontium Dieckii* X, 100  
 " *subcapillatum* VII, 50  
*Hepaticae* VII, 89  
*Herberta adunca* X, 83  
*Herpetineuron Toccoae* VIII, 50  
 " *Wichurae* VIII, 50  
*Heterocladium heteropteroides* IX, 96  
 " *heteropteroides filescens* VI, 100; IX, 96  
 " *heteropterum fallax* VI, 100  
 " *squarrosulum* VII, 7, 40  
 " *Vancouveriense* IV, 13  
*Heteroleskea* VI, 100  
*Heterophyllae* VII, 12  
*Homalia* V, 96  
 " *Jamesii* II, 81; IX, IX, 97  
 " *Macounii* II, 81  
 " *trichomanoides* II, 81  
*Homalotheciella* VII, 30, 31, 50; IX, 45  
 " *subcapillata* X, 89  
*Homalothecium* V, 54, 96; VI, 65; VII, 50; VIII, 4  
 " *Philipeanum* VII, 31, 50  
 " *sericeum* VII, 31, 50  
 " *subcapillata* VII, 31  
 " *subcapillatum* III, 40; V, 11; VII, 30, 31, 50, 81; IX, \*43, 45; X, 89  
 " *tenerrimum* VII, 31  
*Hookeria acutifolia* X, 100, 101  
 " *cruceana* IX, 106; X, 100  
 " *Grevilleana* X, 101  
 " *lucens* X, 100, 101  
 " " *acuminata* X, 101  
 " *Sullivantii* VIII, 64; X, 100, 101  
 " *varians* IX, 24; X, 100  
*Hygrohypnum* VI, 85  
 " *Bestii* IV, 12  
*Hylocomia* IX, 96  
*Hylocomium brevirostre* IV, 7; V, 16; X, 46  
 " *brevirostrum* VIII, 65  
 " *loream* IV, 3  
 " *parietinum* IV, 4, 5; VIII, 43; IX, 64  
 " *proliferum* IV, \*6; VI, 95; VIII, 43; IX, 64  
 " *Pyrenaicum* IV, 7; VI, 95  
 " *robustum* IV, 2  
 " *rugosum* IV, 3, \*4  
 " *Schreberi* IX, 64  
 " *splendens* IX, 11  
 " *squarrosum* II, 112; IV, \*5, 6, 7  
 " *triquetrum* IV, 4, \*5, 6; VIII, 43; IX, 64

- Hylocomium triquetrum* Beringianum VI, 48, 86; VII, 52  
 " *umbratum* IV, 6  
*Hymenostomum* VII, 8, 9, 10, 32, 44  
 " *brachycarpon* VII, 8  
 " *crispatum* VII, 8, 32, 33  
 " *microstomum* V, 13  
 " " *mutilatum* VII, 8  
 " *Mulleri* VII, 8  
 " *murale* V, 14; VII, 8  
 " *obliquum* VII, 8  
 " *rostellatum* VII, 9, 10, 32  
 " *rutilans* VII, 8, 32  
 " *squarrosus* VII, 8  
 " *subglobosus* VII, 8, 32, 33  
 " *Sullivanii* IX, 35  
 " *unguiculatum* VII, 8  
*Hymenostylus commutatus* IV, 75  
*Hyophila Dozy-Molkenboeri* VII, 71  
 " *Javanica* VII, 69  
 " *riparia* VII, \*69  
*Hypna* IX, 96  
*Hypnum* VI, 63; VII, 39; VIII, 5, 50; X, 33  
 " *acuminatum* V, 65  
 " *aduncum* IV, 65  
 " *album* V, 67  
 " *amblyphyllum* V, 88; VI, 86  
 " *amoenum* VI, 3  
 " *amphibium* V, 31  
 " *arcuatum* X, 89  
 " *asprellum* III, 50  
 " *Bakeri* IV, 65, \*66, 67  
 " *Berggrenii* VIII, 55  
 " *Bestii* IV, 12, 21, 22, \*23; VII, 43; IX, 106  
 " " *var. Pyrenaicum* IV, \*23  
 " *Boscii* VI, 54  
 " *brunneo-fuscum* IV, 67; VI, 85  
 " *callichroun* V, 88  
 " *Caloosienae* VII, 50  
 " *capillefolium Baileyi* n. var. VI, 61  
 " *Carolinianum* V, 65, 66  
 " *catenulatum* VI, 100  
 " *Closteri* IX, 10; X, 89  
 " *chrysophyllum* III, 50; IX, 27, 64; X, 89, 106  
 " *chrysostomum* III, 50  
 " *cordifolium* III, 36, 48; IV, 48, 67; VIII, 43; IX, 27  
 " *Cossoni* VI, 94  
 " *crispum* VIII, 4, 6  
 " *crista-castrensis* V, 16; IX, 27, 65  
 " *cupressiforme* III, 40; VI, 3, 43, 88; VII, 61; VIII, 43; X, 106  
*Hypnum cupressiforme brevisetum* V, 99  
 " *cupressiforme resupinatum* V, 48  
 " *curtipendulum* VIII, 4  
 " *curvifolium* IX, 65; X, 89, 106  
 " *cuspidatum* IV, 4; VIII, 43, 94  
 " *cyclophyllotum* III, 48  
 " *cylindricarpum* V, 66; VI, 2  
 " *demissum* V, 64, 65, 66  
 " " *Carolinianum* V, 66  
 " " *Marylandicum* V, 66  
 " *denticulatum* IX, 42  
 " " *aptychus* IX, 42  
 " " *laetum* IX, 42  
 " *dilatatum* III, 40; IV, 65; IX, 97  
 " *eugyrium* VI, 85; IX, 97  
 " " *Mackayi* VI, 89  
 " " *viridimontanum* VIII, 52  
 " *exanulatum* V, 88  
 " *fastigiatum mitodes* VIII, 54  
 " *fertile* VI, 95; IX, 65; X, 89  
 " *filicinum* VIII, 94  
 " *flavescens* V, 65  
 " *fluitans* III, 40; IV, 65; VI, 93, 94  
 " " *Atlanticum* V, 31  
 " " *brachydictyon* VI, 93, 94; VII, 43  
 " " *f. gracilis* V, 31  
 " " *fossile* VI, 94  
 " " *glaciale* VI, 94  
 " " *gracile* IX, 27  
 " " *Halleri* V, 31  
 " " *Jeanbernati f. Halleri* V, 31  
 " *fragile* III, 50  
 " *giganteum* III, 48  
 " " *dendroides* V, 102  
 " *Goulardii* IX, 10  
 " *graveolens* VI, 100  
 " *Haldanianum* VI, 95; IX, 65  
 " *Hampeanum* V, 64  
 " *hamulosum* VI, 88  
 " *Heufleri* VI, 42, 43  
 " *hians* III, 28  
 " *hispidulum* III, 40; VI, 95; X, 89, 106  
 " *Halleri* V, 48  
 " *implexum* VI, 88  
 " *imponens* V, 36; IX, 65  
 " *incurvatum* VIII, 43  
 " *intermedium* V, 102  
 " *Jamaicensis* VI, 59; VIII, 6  
 " *Jamesii* V, 66; X, 102  
 " *laxepatulum* V, 66; VI, 1, 2, 3; VII, 60  
 " *lentum* V, 72



- Hypnum loxense* V, 65  
 “ *malacocladium* IX, 10  
 “ *Marylandicum* V, 65, 66  
 “ *megapitulum* III, 39  
 “ *micans* V, 46, 66, 67; VI, 59  
 “ *microcarpum* V, 64, 65; VII, 80  
 “ *minimum* V, 65  
 “ *Molendoanum* VI, 43  
 “ *molle* IV, 12, 22, 23  
 “ “ *var. maximum* IV, \*23  
 “ “ *Schimperianum* V, 49  
 “ *molluscum* IX, 27  
 “ *Montanum* VIII, 52  
 “ *nemorosum* VI, 2, 3  
 “ *nigrescens* VI, 60; VII, 15  
 “ *Novae-Caesarae* V, 64, 66  
 “ *Oakesii* IV, 7  
 “ “*a obsoletum*” V, 31  
 “ *occidentale* IV, 13; IX, 106  
 “ *ochraceum uncinatum* VII, 43  
 “ *ornithopodioides* VIII, 6  
 “ *palatinum* V, 10, 11  
 “ *pallescens* V, 47, 66  
 “ *paludosum* IV, 74  
 “ *palustre* IV, 21; V, 50; VI, 89; IX, 65  
 “ “ *laxum* VIII, 53  
 “ *Patientiae* IX, 27; X, 89  
 “ *patulum* IX, 36  
 “ *planum* VI, 59  
 “ *plesiostramineum* IV, \*64, 65; V, 64; VI, 48, 85  
 “ *plicatile* VI, 42  
 “ *plicatulum* VI, 43  
 “ *plumosum* VI, 85; VIII, 43  
 “ *polare* V, 99  
 “ *polygamum* X, 89  
 “ *polyrhizon* III, 50  
 “ *pratense* VI, 3; IX, 27, 65  
 “ *pseudostramineum* IV, \*64, 65; V, 64, 88; VI, 85  
 “ *purum* V, 77  
 “ *pygmaeum* VI, 43  
 “ *recurvans* V, 65; VI, 1, 2, 3; VII, 59, 60; IX, 42  
 “ “ *var. VI*, 2, 3  
 “ “ *compactum* VI, 3  
 “ “ *minus* VI, 3  
 “ *recurvo-marginatum* VI, 42  
 “ *reptans* VI, 59  
 “ *reptile* III, 12; IV, 40; VI, 95, 96; VII, 7; VIII, 32, 65; IX, 65; X, 89  
 “ *revolutum* VI, 42, 43  
 “ *revolvens* VI, 94; IX, 97  
 “ “ *intermedium* VIII, 53  
 “ “ *typicum* VI, 94  
 “ *Richardsoni* VI, 94
- Hypnum riparium* VII, 10  
 “ *Roellii* V, 66  
 “ *Rugelianum* V, 64, 65  
 “ *rusciforme* III, 40  
 “ *sarmentosum* VI, 94  
 “ “ *Beringianum* VI, 48, 85  
 “ “ *fontinaloides* V, 99  
 “ *sericeum* VIII, 4  
 “ *serrulatum* III, 40; VI, 59  
 “ *scabrifolium* IX, 41  
 “ *Schimperianum* V, 49  
 “ *Schreberi* IV, 3; V, 77, VI, 95; VIII, 43, 94  
 “ *scorpioides* IX, 97  
 “ “ *gracilescens* V, 99  
 “ *sipho* III, 50  
 “ *splendens* IV, 6  
 “ *stellatum* VI, 84; IX, 97  
 “ *stoloniferum* III, 50  
 “ “ *Cardoti* III, 50  
 “ *stramineum* IV, 65; VI, 85; X, 7  
 “ *strangulum* VIII, 55  
 “ *strigosum* VIII, 43  
 “ *styriacum* V, 102  
 “ *subcapillatum* VII, 50; IX, 45  
 “ *subeugyrium* VI, 89  
 “ “ *occidentale* VI, 48, 85  
 “ *subimponens* VI, 44  
 “ *subplicatile* V, 88, VI, 82  
 “ *sulcatum stenodictyon* VI, 48, 85  
 “ *Sullivantii* X, 88  
 “ *symmetricum* VIII, 8  
 “ *tenax* III, 50; VII, 80  
 “ *tenuifolium* IX, 36  
 “ *thelistegium* VI, 58, 59  
 “ *tomentosum* X, 32  
 “ *Traleseii* VI, 48, 84  
 “ *Tundrae* IV, \*64, 65, 67; V, 64  
 “ *turgescens* IV, 12, 21  
 “ “ *uliginosum* V, 99  
 “ *uncinatum* V, 48; VIII, 65  
 “ “ *polare* VI, 48, 85  
 “ *Villardii* VI, 43  
 “ *viticulosum* VIII, 4  
 “ *Watsoni* VI, 42  
 “ *Wrightii* VI, 59
- Hypopterygium* IX, 11  
*Intermedius* (Group) VIII, 7  
*Isothecium* III, 50; V, 54; VIII, 5; X, 100  
 “ *Brewerianum* IV, 40; VI, 45  
 “ *stoloniferum* VI, 44
- Isopterygium* V, 66, 67; VI, 59  
 “ *album* V, 67  
 “ *micans* V, 67; X, 89
- Jamesoniella autumnalis* VIII, 32; IX, 63, X, 82, 83

- Jubula V, 3, 32, 46; VI, 28; VII, 94  
 " Pennsylvanica X, 84  
 Juncus bufonius V, 98  
 Jungermanniaceae VII, 90, 93; VIII,  
 \*57  
 Jungermannia IX, 11  
 " barbata VII, 95  
 " " attenuata X, 9  
 " " Floerkii X, 9  
 " " lycopodioides X, 9  
 " " quinquedentata X, 9  
 " bicrenata IX, 100  
 " calypogea X, 24, 25, 27, 29  
 " capitata IX, 100  
 " catenulata VIII, 32  
 " complanata V, 47  
 " excisa VII, 95; IX, 100  
 " " crispa IX, 100  
 " " crispata IX, 100  
 " exsecta VI, 2  
 " fissa X, 29  
 " Floerkii X, 9  
 " intermedia IX, 100  
 " " capitata IX, 100  
 " lanceolata VIII, 53, 65; IX, 63;  
 X, 82  
 " lycopodioides X, 9  
 " " Floerkii X, 9  
 " Lyoni X, 9  
 " Michauxii VII, 95  
 " Mildeana IX, 99  
 " Naumannii X, 9  
 " Novae-Caesarae IX, 99  
 " platyphylla V, 35  
 " platyphylloidea V, 35  
 " pumila VIII, 53; X, 91  
 " quinquedentata X, 9, 12  
 " reclusa VIII, 32  
 " Schraderi VII, 95; VIII, 32; X,  
 82  
 " sphaerocarpa X, 102  
 " sphaerocephala X, 24, 29  
 " Sprengelii X, 28, 29  
 " terrestris repens X, 26  
 " Trichomanis X, 24, 28  
 Juniperus Virginiana IX, 32  
 Kantia IV, 68; VII, 94; X, 24, 25, 26,  
 91  
 " calypogea X, 27, 29  
 " fissa X, 27  
 " Sprengelii X, 28, 29, 30  
 " Sullivantii VIII, \*57, 59, 62  
 " Trichomanis VIII, 32, \*57, 59,  
 62; IX, 63; X, 12, 24, 27, 30  
 " " fissa X, 29  
 Kantius X, 24  
 Kneiffii (Group) VIII, 7  
 Lasia VIII, 5  
 Lasia subcapillata VII, 50; IX, 45  
 Lecanora X, 39  
 " alpina X, 102  
 " atra X, 66  
 " caesio-cinerea X, 102  
 " cinereo-rufescens X, 102  
 " elatina X, 66  
 " pallidescens VIII, 105  
 " pallida IX, 48; X, 65  
 " " crancriformis X, 66  
 " subfusca VIII, 106; IX, 48; X,  
 66  
 " varia VIII, 106; X, 66  
 Lecidea albilabra X, 102  
 " atro-alba X, 102  
 " disciformis X, 102  
 " enteroleuca IX, 48, 82  
 " geographica X, 102  
 " petraea X, 102  
 Lecidella interiecta X, 102  
 Lejeunea V, 32, 46, 75; VII, 94, \*98;  
 VIII, 71; IX, 11  
 " Americana VI, \*27, 28, 30  
 " Austini VI, 31  
 " Biddlecomiae VI, 32  
 " biseriata VIII, 71  
 " calcarea VI, 32; X, 92  
 " cavifolia VI, 28, 30, 31; VIII,  
 65; IX, 63; X, 84  
 " clypeata VI, \*29  
 " cucullata VI, 31  
 " echinata VI, 32  
 " Jooriana VI, 32  
 " lucens VI, \*31  
 " Molleri VI, 29  
 " ovata VI, 29  
 " patens VI, 27, 28, 30  
 " serpyllifolia VI, 30, 31  
 " " Americana VI, 30  
 " " cavifolia VI, 30  
 " Sullivantii VIII, 71  
 " velata VI, \*29  
 Lembophyllaceae X, 7, 100  
 Lepidozia VII, 94  
 " reptans VI, 2; VIII, \*57, 59, 61,  
 62; IX, 63  
 " setacea IX, 26, 77, 78  
 " sylvatica VIII, 65; IX, 26, 77,  
 78; X, 83  
 Leptobryum III, 16  
 " pyriforme I, 92; IV, 63; VI, 95;  
 VIII, 112; X, 89  
 Leptodon VIII, 5; IX, 40  
 " Floridanus IX, 106  
 " trichomitrium VII, 14; VIII, 64  
 " " immersum IX, 24  
 Leptodontium Canadense IV, 27;  
 VII, 69, 71

- Leptodontium riparium* VII, 69  
*Leptogium* VII, \*45, 46, 47; VIII, 105  
     " *lacerum* VII, 47; IX, 51  
     " *muscicola* VII, 47  
     " *myochroun* VII, \*45, 48; IX, 51  
     " *palmatum* VII, \*45, 47  
     " *pulchellum* VII, \*45, 47, 48; IX, 51  
     " *tremelloides* VII, 48; IX, 51  
*Leptohymenium* VIII, 5  
*Leptotrichum glaucescens* III, 40  
*Lepyrodontaceae* X, 7  
*Lescuraea frigida* X, 34, 35  
*Leskeaceae* V, 54; VI, 14  
*Leskea* III, 19; VI, 1; VIII, 4, 5  
     " *adnata* V, 65; VII, 80  
     " *arenicola* VI, 97, 98; X, 89  
     " *arcuata* VI, 1  
     " *armata* V, 65  
     " *Austini* VI, 75; VII, 43  
     " *caespitosa* V, 65  
     " " *adunca* V, 65  
     " *catenulata* VI, 101  
     " *compressa* III, 50  
     " *crassiretis* VII, 42  
     " *cyrtophylla* VI, 97  
     " *denticulata* VI, 97; VII, 30  
     " *Donnellii* VI, 98  
     " *fasciculosa* III, 50  
     " *glaucina* VIII, 50  
     " *gracilescens* III, 50; VIII, 94; X, 89  
     " *grandiretis* VI, 74, 75; VII, 42  
     " *imbricatula* III, 50  
     " *microcarpa* III, 50; V, 65; VI, 98  
     " *nervosa* IV, 2; VI, 97, 99; VII, 7  
     " " *flagellifera* VI, 98  
     " " *nigrescens* VI, 98, 99; VII, 7  
     " *nigrescens* VI, 98  
     " *obscura* VI, 97, 98, 101; VIII, 64; X, 89  
     " *obtusifolia* VI, 97  
     " *polycarpa* V, 26, 27; VIII, 94; X, 89, 105  
     " *recurvans* V, 65; VI, 1; VII, 59, 60  
     " *squamosa* V, 65  
     " *squarrosa* VI, I; VII, 59, 60  
     " " *compacta* VII, 61  
     " *tectorum* V, 87; VII, 15  
     " *tenuirostris* V, 66  
     " *Williamsi* VI, 97, 99  
     " " *fillamentosa* VI, 100  
     " *Wolfei* VI, 101  
*Leskia* VI, 59, 60  
*Lesquereuxia patens* V, 48  
*Leucobryum* VI, 2; VII, 60, 61, 63; IX, 11  
     " *albidum* IX, 65  
     " *glaucum* II, 55; IX, 65, 72; X, 89, 104, \*107, 108  
     " *minus* X, 89  
*Leucodon* VI, 61; VIII, 5  
     " *brachypus* V, \*1, 2, 22; VI, 15; X, 105  
     " *Domingensis* IX, \*39, 40  
     " *julaceus* V, \*1, 2; VI, 15; X, 89, 105  
     " *sciuroides* V, \*1, 2, 16  
*Lichen velleus* IX, 83, 84, 86  
*Limnobia* IV, 12; V, 96  
     " *Bestii* IV, \*22, 23  
     " " *Pyrenaicum* IV, 24  
     " *Closteri* X, 89  
     " *molle* IX, 65  
*Linnaea borealis* VIII, 109  
*Liochlaena* VII, 95  
*Liverworts* II, 51; VII, 90, 92  
*Lophocolea bidentata* VIII, \*57, 59, 61, 62, 65; X, 83  
     " *heterophylla* VII, 95; VIII, 59, 61, 62; IX, 63; X, 83, 92  
     " *minor* VII, 95; IX, 26  
*Lophozia alpestris* IX, 63; X, 102  
     " *barbata* VIII, 57, 59, 61; IX, 63, 97; X, \*9, 10, 11, 12  
     " *bicrenata* IX, \*98, 99, 100  
     " *capitata* IX, 100  
     " *excisa* IX, \*98, 99, 100  
     " *Floerkii* VIII, 53; X, \*9, 10, 12  
     " *gracilis* IX, 63, 96, 97; X, \*9, 10, 12  
     " *incisa* VIII, 32, 53; IX, 63, 97  
     " *inflata* VIII, 53; IX, \*74, 75  
     " " *heterostipa* IX, \*74, 75  
     " *lycopodioides* IX, \*9, 10, 12, 102  
     " *Lyoni* X, \*9, 10, 11, 12  
     " *Marchica* VIII, 53, 65; IX, \*98, 99; X, 82  
     " *quinquedentata* X, 9, 10, 11, 12  
     " *ventricosa* VIII, 32; IX, 100  
*Lunularia* VII, 92  
     " *cruciata* V, 76, 77; X, 82  
*Lyellia* VI, 36, 70  
     " *crispa* VI, 70  
*Lyellii Lescurii* V, 72  
*Macouniella* IX, 40  
*Madotheca* VII, 14  
     " *Bolanderi* V, 36  
     " *navicularis* V, 35  
     " *platyphylla* V, 35  
     " *porella* V, 34

- Madotheca rivularis* V, 34  
 " *Swartziana* V, 34  
 " *Wataugensis* V, 34  
*Malacophyllae* (Sect.) IX, 7  
*Marchantiaceae* VII, 90, 91; X, 81  
*Marchantia* IV, 68; VII, 14, 89, 90, 92  
 " *polymorpha* IV, \*34, 40; VII, \*91; IX, 11, 62; X, 80, 82  
*Marsupella emarginata* VIII, \*57, 59, 62; IX, 63; X, 82, 102  
 " *sphacelata* VIII, 54  
*Marsupellae* IX, 97  
*Meteorium* VII, 14; VIII, 50  
 " *nigrescens* VI, 60, 61; VII, \*14, 15, 30  
 " " *Donnellii* VI, 60; VII, 15  
 " *pendulum* VII, 30; VIII, 50; X, 8  
*Metzgeriaceae* VII, 90, 92  
*Metzgeria* VII, 92  
 " *conjugata* IX, 62; X, 82, 92  
*Metzgeriopsis* IX, 11  
*Microbryum Floerkeanum* IV, 75; X, 103  
 " *Floerkeanum Henrici* IV, 75  
*Microlejeunea lucens* VI, \*27, 28, 31  
 " *Ruthii* VI, \*27, 28, 31  
 " *ulecina* VI, 31  
*Microthamnium* VI, 59  
 " *thelistegium* VI, 58  
*Mielichhoferia Forsythi* IX, 41  
 " *turgens* IX, 41  
*Mittenia* X, 2  
*Mnia* IX, 97  
*Mniobryum* VIII, 73  
 " *carneum* V, 63  
*Mniopsis* X, 2  
*Mnium* V, 97; VI, 47, 63; VII, 37, 39, 94; X, 26, 28, 48  
 " *affine* II, 79; VIII, 64; IX, 55, 65; X, 89  
 " " *ciliare* III, 40; IX, 55, 56  
 " " *elatum* IX, 65  
 " " *rugicum* IX, 27  
 " *ciliare* VI, 95; VII, 42, 43  
 " *cinclidioides* II, 106, 112; X, 7  
 " *cuspidatum* II, 78, 79, 81; VIII, 43; X, 60, 61, 69, 89, 105  
 " " *rugicum* II, 107  
 " *Drummondii* II, 105, 107; III, 5; VI, 15, 39; IX, 55, 56  
 " *fissum* X, 24, 26, 27, 29  
 " *glabrescens* III, 6; VI, 69  
 " *hornum* III, 12; VI, \*63, 64; VII, 7; VIII, 107; X, 46, 108  
 " *insigne* VI, 39, 45  
 " *lycopodioides* II, 106  
*Mnium marginatum* III, 9, 40  
 " *medium* III, 5  
 " *Menziesii* VI, 45  
 " *nudum* n. sp. III, 6; VI, 36  
 " *orthorrhynchum* III, 40  
 " *palustre* V, 50  
 " *pseudolycopodioides* II, 106  
 " *punctatum* II, 80, 81, 106; III, 6; VI, 36; VIII, 43; IX, 65; X, 89  
 " " *anceps* VI, 48, 69  
 " " *elatum* II, 80, 106; IX, 27  
 " *rostratum* II, 80, 81; III, 40; V, 78; VIII, 79; IX, 27, 65  
 " *Seligeri* VI, 39  
 " *spinulosum* III, 9, 12, 40; IX, 65; X, 55  
 " *stellare* II, 106, 112; III, 40; VIII, 78; X, 89  
 " *subglobosum* III, 6, 7; IX, 65  
 " *sylvaticum* II, 78, \*79, 81; VI, 95; IX, 54, 55, 65; X, 55  
 " *Trichomanis* X, 24, 26, 27  
 " *undulatum* IX, 11  
*Mollia* VII, 8  
 " *viridula* V, 54, 74  
*Monoclea dilatata* IX, 11  
*Mycoporium pycnocarpum* IX, 82  
*Mylia anomola* VIII, 54; IX, 75  
*Myrinia* X, 100  
 " *subcapillata* VII, 50  
*Myurella Caryana* IV, 63; VI, 86; VIII, 107, 108  
*Nanomitrium* VII, 63  
*Nardia crenulata* VII, 95; VIII, 54, 65; X, 82  
 " *crenuliformis* VIII, 65; X, 82  
 " *haematosticta* VIII, 59, 62  
 " *hyalina* VII, 95; VIII, 54; IX, 63; X, 92  
 " *obovata* VIII, 53  
*Neckera* V, 96; VII, 48; VIII, 4, 5, 6, 79  
 " *capilliramea* VIII, 50  
 " *complanata* V, 72, 97; VI, 60; VII, 7; VIII, 5, 6  
 " *crispa* V, 78; VIII, 5  
 " *cymbifolia* V, 72; X, 8  
 " *cymbifolium* VI, 60  
 " *Dichelyma* IX, 38  
 " *distichum* VIII, 6  
 " *Douglasii* VI, 44; VIII, 6; IX, 95  
 " " *Macounii* V, 72  
 " *Floridana* V, 72; VI, 60; VII, 49  
 " *Jamaicensis* V, 72; VI, 59  
 " *Ludoviciae* X, 8

- Neckera Ludoviciana* VI, 60  
 " *Ludovicie* V, 72  
 " *Menziesii* VI, 44; VIII, 6; IX, 95  
 " " *amblyclada* V, 72  
 " " *limnobioides* V, 72  
 " *oligocarpa* V, 72; VIII, 5, 6; IX, 65  
 " *ornithopodioides* V, 72  
 " *pennata* IV, 40; V, 72; VI, 60; VIII, 5, 6; IX, 65; X, 89  
 " " *pterantha* V, 72  
 " *pumila* V, 72; VIII, 5  
 " *sciuroides* V, 12  
 " *undulata* V, 72; VI, 59, 60  
 " *undulatum* VIII, 6  
 " *Wallichii* VIII, 50  
*Neckeria* VI, 59; VIII, 4  
*Nematoceae* X, 100  
*Nematodont* VI, 63  
*Nephrodium* VIII, 94  
*Nephroma* VI, 76, 77, 78; VII, 1; VIII, 104  
 " *arcticum* VI, 77  
 " *Helveticum* VI, 78; IX, 50; X, 65  
 " *laevigatum* VI, 78; IX, 50  
 " " *parile* VI, 78; IX, 50  
 " *Lusitanicum* VI, 78  
 " *tomentosum* VI, \*77, 78; IX, 50  
*Nostoc* X, 48  
*Notothylos orbicularis* VIII, 54  
*Octoblepharum albidum* VI, 58, 60; VIII, 79  
*Octodicerias fontanum* V, 84  
 " *Hallianum* V, 84  
 " *Julianum* V, 84  
*Odontoschisma* VII, 95  
 " *denudatum* VIII, 65; IX, 5; X, 12, 83, 92  
 " *Gibbsiae* VII, 68  
 " *prostratum* VIII, 32, \*57, 59, 65; IX, 5, 26; X, 83  
 " *Sphagni* VIII, 65; IX, 5, 26; X, 83, 92  
*Oligotrichum* X, 61  
 " *glabratum* V, 80  
 " *laevigatum* V, 80  
 " *parallelum* IX, 21  
*Oncophorus suecico* VI, 49  
 " *virens nigrescens* V, 63  
 " *Wahlenbergii elongatus* V, 44  
*Onoclea sensibilis* VIII, 94  
*Oreoweisia serrulata* VIII, 52  
*Orthostichella* VI, 60  
*Orthotricha* VI, 45  
*Orthotrichaceae* VI, 4, 14  
*Orthotrichum* V, 54; IX, 11; X, 100  
*Orthotrichum affine* VI, 5, 13  
 " *affine fastigiatum* VI, 13  
 " *anomalum* VI, 5, \*6, 7, 53  
 " " *saxatile* VI, 5  
 " *antarcticum* V, 28  
 " *Blytii* V, 44  
 " *brachytrichum* VI, 9  
 " *Braunii* VI, 88  
 " *coarctatum* VII, 80  
 " *cribbosum* VI, 53, 54  
 " *cupulatum* VI, 6, 7; X, 89, 104  
 " " *luridum* V, 44  
 " " *Porteri* VII, 62  
 " *fallax* VI, \*9  
 " *fenestratum* VI, 48, 53  
 " *Groenlandicum* V, 44; VIII, 55  
 " *gymnostomum* VI, 10  
 " *Hallii* V, \*42, 43, 44; VI, 99  
 " *Idahense* X, 14  
 " *leiocarpum* VI, 13  
 " *Lescurii* VI, 5, 6  
 " *Lyellii* IV, 2; V, 15  
 " *microblephare* V, 44  
 " *mitigatum* V, 44  
 " *obtusifolium* VI, 5, 9, \*10, 11, 95; VII, 6  
 " *Ohioense* VI, 5, \*7, 9, 13, 88, 95; X, 89  
 " *papillosum* V, 15; IX, 24  
 " *Porteri* VI, 5, 6, 7  
 " *psilocarpum* VI, \*8, 9  
 " *pulchellum leucodon* VI, 45  
 " *pusillum* VI, 5, \*9  
 " *Schimperi* VI, 5, \*8, 9; VII, 6; X, 89  
 " " *truncatulum* VI, 9  
 " *speciosum* VI, 5, \*11, 13, 45, 95; VII, 6  
 " *sordidum* VI, 5, \*12, 13, 95; IX, 27  
 " *strangulatum* III, 40, 44; VI, 5, 7, 8, 13, 95; X, 89, 104  
 " *striatum* VI, 13  
 " *strictum* VIII, 55  
*Pachyffissidens* III, 28  
*Pallivicia* VII, 93; X, 2  
 " *Lyellii* VIII, 53, 98; IX, 75  
*Paludella squarrosa* VIII, 54  
*Pannaria brunnea* IX, 50  
 " *lanuginosa* IX, 50; X, 65  
 " *leucosticta* IX, 50  
 " *microphylla* IX, 50  
 " *molybdaea* IX, 50  
 " " *cronia* IX, 50  
 " *nigra* IX, 90  
 " *rubiginosa* IX, 50  
*Papillaria* VII, 15  
 " *appressum* VII, 49

- Papillaria capilliramea* VIII, 50  
 “ *Donnellii* VII, 15  
 “ *filamentosum* X, 8  
 “ *fuscescens* X, 8  
 “ *nigrescens* VII, \*14, 15, 30, 48, 80; VIII, 79; IX, 24; X, 8  
 “ “ *brevifolia* VII, 49  
 “ “ *Donnellii* n. var. **VII, 49**  
 “ “ *illecebra* VII, 49  
 “ *pendula* VII, 30; VIII, 50  
 “ *Wallichii* VIII, 50  
*Paraphysanthus* VIII, 5  
*Parmelia* IV, 41, \*57, 58, \*59, \*60, \*61; V, 12, 21, 60, 61  
 “ *Borreri* IV, 59; VIII, 105; IX, 47, 49, 67  
 “ “ *rudecta* IV, \*57, 59; IX, 47, 49, 67; X, 65  
 “ *caperata* IV, 57, 60 \*61; VIII, 105; IX, 47, 49, 67; X, 65  
 “ *colpodes* IV, \*57, 60; IX, 49  
 “ *conspersa* IV, 57, \*60; VIII, \*66, 82, 85, 89, 105; IX, 50; X, 65  
 “ *crinita* IV, 58  
 “ *laevigata* IX, 67  
 “ “ *revoluta* IX, 67  
 “ *olivacea* IV, \*60; VIII, 104; IX, 47, 49; X, 65  
 “ “ *aspidota* IX, 49  
 “ “ *panniformis* X, 65  
 “ “ *sorediata* IX, 49  
 “ *perforata* IV, \*57, 58; VIII, 51; IX, 49  
 “ *perlata* IV, 44, \*58; IX, 47, 49; X, 65  
 “ “ *olivetorum* IX, 67  
 “ *physodes* IV, \*60; IX, 47, 49, 67; X, 65  
 “ “ *Japonica* IX, 67  
 “ *saxatilis* IV, \*59; V, 16; VIII, 51, 105; IX, 49; X, 65  
 “ “ *omphalodes* IX, 49  
 “ “ *panniformis* IX, 49  
 “ “ *sulcata* IV, 59; IX, 49; X, 65  
 “ *stygia* IV, 61  
 “ *tiliaceae* IV, \*59; VIII, 105; IX, 47, 49, 67  
*Pellaea atropurpurea* VIII, 108  
*Pellia* VII, 13, 93  
 “ *endivaefolia* VIII, 53  
 “ *epiphylla* VII, \*93; VIII, 53; IX, 62; X, 82  
 “ *Neesiana* VIII, 52  
*Peltidea aphthosa* VIII, 89  
*Peltigera* VI, 76, 78  
 “ *aphthosa* VII, \*2; IX, 50  
*Peltigera canina* VII, \*1, 2, 4; VIII, \*82; IX, 50  
 “ *canina sorediata* IX, 50  
 “ “ *spongiosa* VII, 4; IX, 48, 50  
 “ *horizontalis* VII, 2; IX, 50; X, 65  
 “ *polydactyla* VII, 2, \*3; IX, 50; X, 65  
 “ *pulverulenta* VII, 3; IX, 50  
 “ *rufescens* VII, 3, 4; IX, 50  
 “ *scutata* VII, 3; IX, 81  
 “ *venosa* VII, 1  
*Pentantha* VII, 42  
*Pertusaria caulescens* IX, 93, 94  
 “ *communis*, X, 66  
 “ *glomerata* VIII, 51  
 “ *pocillaria* X, 41  
 “ *pustulata* VIII, 51  
 “ *velata* X, 66  
*Petrogonium ascendens* III, 50  
*Phacopsis vulpina* X, 101  
*Phascum* VI, 37; VII, 9, 10, 63  
 “ *bryoides* X, 103  
 “ *caulescens* IX, 93, 94  
 “ *crispum rostellatum* VII, 10  
 “ *cuspidatum* IV, 75; IX, 11; X, 89  
 “ *hyalinotrichum* VIII, 8  
 “ *piliferum* X, 103  
 “ *rostellatum* VII, 8, 9, 32  
 “ *subexsertum* VII, 9  
*Philonotis* IX, 96  
 “ *appressa* IX, 41  
 “ *fontana* VIII, 43, 94; X, 7, 90  
 “ *Mühlenbergii* VI, 88; X, 7  
 “ *radicale* VII, 99  
 “ *remotifolia* IX, 41  
 “ *Ryani* V, 45  
 “ *venella Coloradense* VI, 88  
*Physcia aquila* IX, 50; X, 65  
 “ *aquila detonsa* V, \*23; IX, 47, 50  
 “ *ciliaris* V, \*22, 59  
 “ *comosa* V, \*22  
 “ *crispa* V, \*24  
 “ *granulifera* X, 65  
 “ *hispida* IX, 50  
 “ *hypoleuca* V, \*22  
 “ *leucomela* V, \*22  
 “ *obscura* V, \*23, 36; VIII, 51; IX, 50; X, 65  
 “ “ *endochrysea* IX, 81  
 “ *pulverulenta* V, \*23, 36; IX, 50  
 “ “ *leucoleiptes* IX, 50, 81  
 “ *setosa* V, 23  
 “ *speciosa* V, \*21, 23, 61; IX, 47, 50; X, 65  
 “ *stellaris* V, \*24; VIII, 105; IX, 50

- Physcia stellaris* *aipolia* IX, 50  
 " *tribacia* IX, 50  
*Physcomitraceae* VI, 80  
*Physcomitrella* VII, 63  
*Physcomitrium* II, 55; III, 28; V, 54, 74  
 " *Hookeri* VII, 99  
 " *immersum* VI, 37; X, 13  
 " *pyriforme* II, 53  
 " *turbinatum* II, 53 54, 55; X, 90, 104  
 " " *Langloisii* IV, 50  
*Pilophorus* VII, 73  
 " *cereolus* VII, \*73  
*Pilotrichaceae* X, 100  
*Pilotrichella* VIII, 4; X, 8  
 " *cymbifolia* VI, 60; VII, 30, 49, 81; IX, 24  
 " *Floridana* VII, 49  
 " *Ludoviciana* VII, 49  
*Pilotrichum* V, 72; VI, 60; VII, 49; VIII, 4, 5; X, 8  
 " *cymbifolium* VI, 60  
 " *flagelliferum* IX, 40  
 " *undulatum* VI, 59  
*Pireia* X, 7  
*Placodium aurantiacum* IX, 51  
 " *elegans* V, 59; IX, 51  
 " *vitellinum* IX, 51  
*Plagiobryum argentioides* V, 86  
 " *zurii* V, 87  
*Plagiochila* VII, 93, 95  
 " *asplenoides* VIII, \*57, 59, 62; IX, 63  
 " *porelloides* X, 83  
 " *Sullivantii* VIII, 65; X, 83  
 " *Virginica* X, 83  
*Plagiothecium atropurpurea* V, 101  
 " *demissum* IX, 65  
 " *denticulatum* VI, 84, 95, 96; VII, 78; VIII, 43, 94; IX, 96; X, 90  
 " " *laetum* VI, 62; X, 106  
 " " *obtusifolium* X, 6  
 " " *propagulifera* III, 11  
 " " *pusillum* IX, 42  
 " *deplanatum* X, 106  
 " *depressum* IX, 65  
 " *elegans* VI, 54; IX, 9, 96; X, 7  
 " *fallax* VI 48, 84  
 " *Groutii* VII, 78; IX, 28, 42  
 " *latebricola* III, 40; V, 54; IX, 28, 65  
 " *micans* IX, 28; X, 89  
 " *Muhlenbeckii* IX, 9  
 " *Mullerianum* IX, 97  
 " *pseudosilesiacum* IX, 9  
 " *pulchellum* IX, 65  
*Plagiothecium repans* X, 90  
 " *Roseanum* IV, 2; X, 90  
 " *Ruthei* IX, 27  
 " *silesiacum* IX, 9, 65  
 " *striatellum* V, 16; IX, 9, 65  
 " *sulcatum* IX, 8  
 " *Sullivantiae* X, 90  
 " " *propagulifera* IX, 27  
 " *sylvaticum* VI, 15; IX, 65  
 " *turfaceum* V, 82; VI, 95  
 " *undulatum* IX, 96  
 " *vexans* V, 101  
*Platygyrium* X, 100  
 " *brachycladon* III, 50; V, 11; VII, 50, 81; IX, 45  
 " *repans* V, 10, 11; VI, 95, 96; VII, 81; X, 100, 105  
 " " *orthocladon* V, 11  
*Pleuridium* V, 54, 74  
 " *alternatifolium* VIII, 64; IX, 27, X, 90, 103  
 " *Bakeri* VIII, 9  
 " " *elongatum* VIII, 9  
 " *Bolanderi* VIII, 9  
 " *gracilentum* IX, 36  
 " *nervosum* IX, 36  
 " *palustre* IX, 27  
 " *Ravenellii* VIII, 9  
 " *subulatum* VI, 37, 54, 95; VIII, 9; IX, 27; X, 90  
*Pleurophascaceae* X, 7  
*Pleuropus* V, 96; VII, 50  
*Pleuroziopsis Ruthenicum* IX, 39  
*Pogonatum* VIII, 79; IX, 97; X, 61  
 " *alpinum* I, 39, 44, 67; IX, 42  
 " " *Macounii* IV, 36  
 " *brachyphyllum* IX, 42  
 " *brevicaule* I 39; VI, 38; IX, 42, 65; X, 90, 105  
 " *capillare* I, 39, 44  
 " *dentatum* VIII, 55  
 " *erythrodontium* IX, 24  
 " *Macounii* VI, 36  
 " *nanum* X, 48  
 " *tenue* I, 39, \*40, 44, 67; II, 81; V, 51  
 " *urnigerum* I, 39, 67; VI, 15; VII, 4, \*5, 40; IX, 65  
*Pohlia* III, 14  
 " *albicans* VI, 62  
 " " *glaciale* VI, 62  
 " *cruda* VIII, 43; X, 6, 7  
 " *elongata* IX, 97  
 " *erecta* IV, 47  
 " *Faerosensis* V, 45  
 " *nutans* IX, 27, 41, 97; X, 6  
 " *porosa* IV, 47  
 " *proligerica* X, 7

- Pollichia* VIII, 4  
*Polytrichadelphus* X, 61  
*Polytrichaceae* I, 63, 65; VII, 38, 89; X, 49  
*Polytrichum* I, 38; III, 29; VI, 45; VIII, 79; IX, 97; X, 61  
   " *antarcticum* V, 28  
   " *attenuatum* VIII, \*28, 30, 31  
   " *angustidens* VIII, \*28, 30, 31  
   " *commune* I, 18, \*19, 67; III, 4; IV, 26; V, 50, 51, 55; VI, \*41, 48, 83, 95; VII, 36; VIII, 41, 42, 43; IX, 54, 65, 101, 102, 104; X, 90  
   " " *perigoniale* V, 16; VI, \*41; IX, 101  
   " " *uliginosum* VI, \*41; IX, 101  
   " " f. *Washingtonianum* VI, \*41  
   " *decipiens* VIII, \*28, 29, 30, 31  
   " *formosum* III, 30; VIII, \*30; IX, 102  
   " *fragilifolium* VI, 83  
   " *glabratum* V, 80  
   " *gracile* VI, 41; VIII, \*28; IX, 65, 102  
   " *hyperboreum* V, 87  
   " *inconstans* V, 87; VIII, 54, 55  
   " *Jensenii* IV, 26; V, 30; VI, 36, 83; VII, 43; IX, 102  
   " *juniperium* I, 20, 67; III, 4; V, 55; VI, 41; VII, 35, 36; VIII, 41, 42; IX, 41, 54, 65; X, 48  
   " " *alpinum* IX, 26  
   " *laevigatum* V, 80  
   " *nanum* VIII, 41  
   " *Ohioense* I, 20, 44; V, 82; VI, \*41; VIII, \*28, 29, 30, 31; IX, 65; X, 90, 105  
   " *piliferum* I, 20; V, 55, 87; IX, 65  
   " *pilosum* VIII, 43  
   " *propinquum* V, 51  
   " *serratum* V, 51  
   " *Smithiae* n. sp. VI, \*41; VII, 6, 62  
   " *strictum* I, 20; III, 40; V, 55; VI, 41; IX, 96  
   " *subpiliferum* V, 28  
   " *subrotundum* VIII, 41  
   " *tenuis* V, 51  
   " *urnigerum* VII, 40; VIII, 41  
   " *yuccaefolium* V, 51  
   " *Yukonense* VI, 36, 48, 83  
*Porella* V, 32, 46; VI, 28; VII, 14, 93, 94, \*97  
   " *Bolanderi* V, \*33, \*36  
*Porella dentata* V, 34  
   " *navicularis* V, 32, 33, \*35  
   " *pinnata* V, 33, \*34; VII, \*98, X, 84  
   " *platyphylla* V, \*32, 33, \*35; VI, 80, 96; VII, \*98; VIII, \*57, 60, 62, 93; IX, 63; X, 80, 84  
   " *rivularis* V, 33, \*34  
   " *Roellii* V, 33, \*36  
   " *Swartziana* V, 33, 34  
   " *thuja* V, 35  
   " *Wataugensis* V, 33  
*Porotrichum* V, 96; X, 8  
   " *alopecurum* X, 110  
*Pottia* II, 55; III, 29; V, 54, 74; VII, 63, 69  
   " *brachyodus* IX, 36  
   " *brevicaulis* IX, 36  
   " *caespitosa* X, 2  
   " *cavifolia* III, 30  
   " (Group *Heimii*) VIII, 11  
   " *Heimii arctica* VI, 49  
   " " *Beringiana* VI, 48, 49  
   " *littoralis* III, 9  
   " *Nevadensis* VIII, 10; IX, 24  
   " *obtusifolia* VI, 49  
   " *Randii* III, 8  
   " *riparia* IV, 2, 27; VII, 69, 70, 71  
   " *truncata* X, 90  
   " *truncatula* II, 55, 81; VI, 15; VIII, 43  
*Pragmicoma clypeata* VI, \*27, 29  
   " *xanthocarpa* VI, \*27, 29  
*Preissia* VII, 92  
   " *commutata* V, 52  
*Prothallium* I, 40  
*Pseudobraunia* IX, 38  
   " *Californica* IX, 38  
*Pseudocaliargon* IV, 63, 67; V, 64  
*Pseudoeryphaea flagellifera* IX, 40  
*Pseudoleskea antarctica* V, 28  
   " *atrovirens* V, 48, 49  
   " *calochlora* IX, 34  
   " " *Holzingeri* VIII, 55  
   " *malacoclada* VI, 101  
   " *patens* V, 48  
   " *radicosa* V, 49  
   " *rigescens* V, 49; VI, 36  
   " *stenophylla* VI, 36  
   " *substriata* X, 34  
*Pseudoleskella* IV, 13  
*Psilopilum arcticum* V, 80, 81; VI, 36  
   " *glabratum* V, 80, 81  
   " *laevigatum* V, 80  
   " *Tschuetschicum* V, 30, \*79, 81, 82; VI, 36, 38



- Pterigynandrum VIII, 5; IX, 46; X, 34, 100  
 " brachycladon V, 11; VII, 50; IX, 45  
 " filiforme decipiens V, 87  
 " intricatum III, 50; V, 95  
 " subcapillatum VII, 50  
 Pterobryae X, 8  
 Pterobryum VII, 49; VIII, 4  
 Pterogonium ascendens VII, 50, 81; IX, 45  
 " " Californicum V, 11  
 " decumbens VII, 50, 81; IX, 45, 46  
 " gracile IV, 40; V, 10, 11, 47; IX, 40  
 " " Californicum V, 47  
 " ornithopodioides IX, 40  
 " subcapillatum VII, 50; IX, 45  
 Pterygoneuron VII, 63  
 Pterygoneurum cavifolium incurvum VII, 77, 99  
 Pterygophyllum acuminatum X, 101  
 " acutifolium X, 101  
 " lucens X, 100  
 Ptilidium VII, 94  
 " ciliare VII, \*98; VIII, 60, 61  
 " crista castrensis VIII, 43  
 " pulcherrimum IX, 63; X, 83  
 Ptychomitrium VII, 63  
 " Drummondii IX, 80  
 " Gardneri IX, 80  
 " incurvum IX, 80; X, 90  
 " Leibergii n. sp. **IX, 79, 80, 91**  
 " pygmaeum IX, 80  
 " rugosum IX, 80  
 Pungentella V, 65  
 Pylaisia VIII, 4; X, 100  
 " intricata V, 95; VI, 65, 95; VIII, 65; IX, 65; X, 90, 105  
 " polyantha V, 54; VIII, 43  
 " " drepanoides V, 47  
 " Schimperii III, 50; V, 95; VI, 95; VII, 7; IX, 28; X, 90  
 " subdenticulata X, 90  
 " velutina III, 40; V, 95; VI, 65; X, 90  
 Pylaisiella intricata III, 50  
 " Schimperii III, 50  
 " velutina III, 40, 50  
 Pyramidula tetragona V, 7; VI, 37; IX, 24  
 Pyrenula nitida X, 66  
 Pyxine V, 59, 61  
 " picta V, \*61  
 " sorediata V, \*61, 82; VIII, 89; IX, 47, 50; X, 65  
 Quercus Kellogii V, 15  
 Racomitrium see Rhacomitrium  
 Racopilum see Rhacompileum  
 Radula V, 32, 46, 47, 78, 92, 93, 94; VI, 28, VII, \*93, 94; VIII, \*60, 62  
 " australis V, 92, 93  
 " Bolanderi V, 92, 94  
 " Caloosiensis V, 92, 93  
 " complanata V, 45, \*46, 47, 92; VI, 96; VII, \*96, 98; IX, 63; X, 84  
 " Hallii V, 92, 93  
 " obconica V, 92, 94; X, 92  
 " pallens V, 92  
 " spicata V, 94  
 " Sullivantii V, 92, 93  
 " tenax V, 92; X, 84, 92  
 " Xalapensis V, 92, 93; X, 84  
 Ramalina IV, 38, \*39; V, 12  
 " calicaris IV, \*39; VIII, 83, 103; IX, 47, 48  
 " " caniculata IX, 47, 48  
 " " farinacea IV, \*39; IX, 48  
 " " fastigiata IV, \*39, 40; V, 59; IX, 48, 81; X, 64  
 " " fraxinea IV, 39; IX, 48, 81  
 " pollinaria IX, 48  
 " reticulata IV, \*39  
 " rigida IV, \*39; IX, 32, 48  
 Ranunculus bulbosus X, 81  
 Raphidorrhyncha V, 64  
 Raphidostegium V, 64, 65  
 " admistum V, 67  
 " admixtum V, 66, 67  
 " adnatum V, 65; IX, 28, 45  
 " albulum V, 67  
 " Carolineanum V, 66  
 " cylindrocarpum V, 66; VIII, 65  
 " delicatulum V, 66  
 " Hegelianum Floridanum IX, 106  
 " Jamesii V, 52  
 " laxepatum V, 66  
 " Marylandicum V, 66  
 " micans V, 67; X, 89  
 " microcarpum V, 65; VII, 80  
 " Novae-Cesareae V, 66  
 " pseudorecurvans V, 66  
 " recurvans V, 36, 65; VI, 1, 95; VII, 60, 78; IX, 28  
 " Roellii V, 66; VI, 3  
 " subadnatum V, 66  
 " subdemissum V, 66  
 " Whitei V, 66; VI, 3  
 Reboulia VII, 92  
 " hemispherica VIII, 108

- Rhabdowissia denticulata* VIII, 52;  
X, 6, 7  
“ *fugax* VII, 99  
“ “ *subdenticulata* X, 7  
*Rhacomitrium* VII, 63  
“ *aciculare* III, 30; VIII, 64; IX,  
27, 97  
“ *canescens* VIII, 52  
“ *cyclodictyon* VI, 48, 52  
“ *ellipticum* VII, 41  
“ *flavescens* V, 28  
“ *Flettii* n. sp. VII, \*41; VIII,  
54  
“ *heterostricum affine* VI, 36  
“ “ *alopecurum* VI, 48, 51  
“ *patens* IX, 24  
“ *sudeticum* Alaskanum VI, 48,  
52  
“ “ *tenellum* VI, 52  
*Rhacopilum* IX, 11  
“ *convolutaceum* IX, 41  
“ *tomentosum* X, \*31, 32, 33  
*Rhizogonium spineforme* VIII, 79;  
IX, 24  
*Rhodobryum proliferum* III, 16, 18  
*Rhododendron flavum* VII, 42  
“ *viscosum* VII, 42  
*Rhynchostegium* VII, 50  
“ *delicatulum* V, 64, 66  
“ *deplanatum* X, 90  
“ *geophilum* X, 90  
“ *micans* V, 67  
“ *rusciforme* X, 90  
“ *serrulatum* VII, 78; VIII, 65;  
X, 90  
*Rhystophyllum* VIII, 4, 5  
“ *distichum* VIII, 6  
“ *Douglasii* VIII, 6  
“ *Jamaicensis* VIII, 6  
“ *Menziesii* VIII, 6  
“ *oligocarpum* VIII, 6  
“ *ornithopodioides* VIII, 6  
“ *pennatum* VIII, 6  
*Riccardia* VII, 93  
“ *latifrons* VIII, 32; IX, 62; X,  
82  
“ *multifida* VIII, 73; X, 82  
*Riccardia pinguis* VIII, 53; X, 82,  
103  
“ *sinuata* IX, 62  
*Riccia* VII, 90, 92  
“ *crystallina* VIII, 77  
“ *fluitans* X, 13  
“ *lutescens* VIII, 77, 78; IX, 26  
“ *Sullivantii* VIII, 53, 77, 78  
*Ricciocarpus natans* VIII, 77; X, 13  
*Rottleri* VII, 69  
*Saelania* VII, 63  
*Salix adenophylla* VIII, 109  
*Scapania* V, 78; VII, 93, 94, 95; VIII,  
\*57, 60, 62; IX, 96  
“ *apiculata* IX, 63  
“ *convexa* IV, 45  
“ *curta* VIII, 31  
“ *Evansii* n. sp. IV, 45, 46; X,  
92  
“ *gracilis* IV, 46  
“ *irrigua* VIII, 54  
“ *nemorosa* IX, 63; X, 82, 84, 92  
“ *paludosa* VIII, 54  
“ *subalpina* IX, 63  
“ *umbrosa* IV, 45, 46  
“ *undulata* IX, 63; X, 84  
*Schistidium* III, 20, 21; X, 63  
“ *alpicola rivulare* VII, 62  
“ *angustum* V, 44  
“ *apocarpum* X, 90  
“ “ *irregulare* V, 44  
*Schistostega* X, 6  
“ *osmundacea* V, 52, 103  
*Schlotheimia Sullivantii* IX, 24  
*Schwetschkea denticulata* VII, 30;  
X, 100  
*Sclerodictyon* V, 87  
*Sclerodontium* VIII, 5  
*Scleropodium caespitosum* V, 72  
“ *colophyllum* VI, 45  
“ *obtusifolium* IX, 95  
*Scouleria marginata* IX, 24  
*Selaginella apus* VIII, 94  
*Seligeria calcaria* V, 7, \*8, 31, 62, 63  
“ *campylopoda* V, 24, 25  
“ *Doniana* IV, 62, 63  
“ *Donii* V, 24  
“ *pusilla* IV, 62  
“ *recurvata* V, 24, 25  
“ “ *pumila* V, 25  
“ *trifaria patula* V, 63  
“ *tristicha* V, 7, \*8, 62, 63; VI,  
47  
“ “ *laxa* V, \*8, 9  
“ *tristichoides* V, 44, 62, 63; VI,  
47  
“ “ *laxa* V, 63  
“ “ *patula* V, 63  
“ *uncula* V, 63  
*Sematophyllum adnatum* V, 65; X,  
90  
“ *auricomum* V, 64  
“ *Carolinianum* V, 66; VI, 3; X,  
90  
“ *delicatulum* V, 66; VI, 1, 2, 3;  
VII, 60  
“ *demissum* V, 64  
“ “ *Carolinianum* X, 90  
“ “ *Marylandicum* X, 90

- Sematophyllum Japonicum VII, 30  
 " Marylandicum V, 66; X, 90  
 " micans V, 64  
 " Novae-Cesareae V, 66  
 " recurvans V, 65; VI, \*1, 2, 3, 43; IX, 65  
 " Roellii V, 66  
 " tenuirostris V, 66  
 Serratifolia VIII, 8  
 Skitophyllum adiantoides VIII, 49  
 " fontanum V, 84  
 " marginatum VIII, 49  
 Solorina VI, 78, 79  
 " crocea VI, 78, 79  
 " saccata VI, 78, \*79; IX, 50, 87  
 Sorapilla III, 29  
 Speerschneidera euploca V, 59  
 Sphaerangium muticum X, 103  
 " triquetrum X, 103  
 Sphaerocarpus VII, 14; IX, 11  
 Sphaerocephalus palustris, VIII, 43  
 Sphagnaceae X, 49  
 Sphagnum IV, 33; VII, 61; IX, 11, 96, 99  
 " acutifolium IX, 66, 72, 103  
 " " quinquefarium IX, 66, 72  
 " " rubellum IX, 66  
 " cornutum IX, 103  
 " crassicladium IX, 103  
 " cuspidatum IX, 66  
 " cymbifolium VIII, 64; IX, 66, 103; X, 90  
 " " glaucescens X, 90  
 " foliis tenuibus IX, 93  
 " intermedium IX, 66  
 " laricinum IX, 103  
 " pseudocuspidatum IX, 103  
 " pseudorecurvum IX, 103  
 " pungens IX, 103  
 " quinquefarium VIII, 64  
 " rufescens IX, 103  
 " Schliepackei IX, 103  
 " subsecundum IX, 103  
 " turgidum IX, 103  
 Sphenolobus VIII, 60  
 " exsectaeformis VIII, 54; IX, 63  
 " exsectus VIII, 54; IX, 63; X, 83  
 " Hellerianus IX, 63  
 " Michauxii VIII, 65; IX, 63; X, 82  
 " minutus IX, 63; X, 102  
 Spiridentaceae X, 7  
 Splachnaceae II, 55; VI, 47  
 Splachnum IX, 92, 93, 94  
 " ampullaceum II, 55; VI, 15, 92; IX, 92, 93  
 " angustatum IX, 94  
 Splachnum caulescens IX, 93  
 " luteum VI, \*91, 92; IX, 92, 93  
 " rubrum VI, 91, 92  
 " setaceum IX, 94  
 " sphaericum VI, 62; IX, 24, 92, 93  
 " vasculosum IX, 92, 93  
 Stableria I, 92  
 " gracilis I, 91  
 " " Californica I, 92  
 Stereocaulon VII, 71; VIII, 74, 75, 89, 103  
 " condensatum VII, \*72; IX, 81  
 " coralloides VII, 71, 72; IX, 51  
 " pascuale VII, \*72; IX, 48, 51; X, 66  
 " pileatum IX, 81  
 " tomentosum VII, 72; IX, 48  
 " " alpinum VII, 72  
 Stereodon V, 66  
 " callichroum VI, \*83  
 " cupressiforme VIII, 43; IX, 41  
 " incurvatus VIII, 43  
 " plicatile VI, 42, 43  
 " plicatulus VI, \*82, 83  
 " polyanthos VIII, 43, 44  
 " revolutus VI, 42, \*82, 83  
 Stereophyllum VI, 59  
 " Donnellii X, 100  
 Sticta VIII, 89  
 " amplissima VI, \*55, 56, 57, 58, 70; IX, 47, 50; X, 65  
 " anthrapsis VI, \*57  
 " aurata VI, \*56  
 " crocata VI, 56, 57, 70; IX, 50  
 " Oregona VI, \*57  
 " pulmonaria VI, \*56, 57, 58, 70; VIII, 104; IX, 48, 50; X, 65  
 " quercizans VI, \*57  
 " scrobiculata VI, \*58; IX, 50  
 Stictina VIII, 89  
 Swartzia montana X, 6  
 Syrrhopodon Floridanus VI, 54; VII, 62  
 Systegium VII, 8, 9, 10  
 " crispum X, 90  
 " Ludovicianum VII, 9  
 " rostellatum VII, 10  
 " Sullivantii X, 90  
 Tamariscinum (Group) VIII, 50  
 Taxithelium planum VI, 59  
 Tayloria serrata IX, 24  
 " tenuis X, 6  
 Telaranea nematodes longifolia VIII, \*97  
 Tenuicostata (Group) VIII, 50  
 Tetraphis IV, 31; VIII, 5

- Tetraphis pellucida* VI, 16; IX, 65; X, 104  
*Tetraplodon angustatus* IX, 44  
 " *angustatus f. gracilescens* IX, 94  
 " *Australis* VII, 62; IX, 44, 92, 93, 94  
 " *bryoides* II, 55  
 " *caulescens* IX, 94  
 " *mnoides* VI, 93; X, 102  
*Thamnium* V, 96; IX, 40  
 " *Allegheniense* VIII, 64; X, 8  
 " *Leibergii* X, 8  
 " *Toccoae* V, 12  
*Thamnia* VII, 73  
 " *vermicularis* VII, \*73  
 " " *subuliformis* VII, 73  
 " " *taurica* VII, 73  
*Thelia asprella* III, 40; V, 78; IX, 27; X, 90, 105  
 " *hirtella* IV, 40; VIII, 94; X, 91, 105  
 " *Lescurii* VIII, 77; IX, 27, 42; X, 105  
*Theloschistes* V, 59  
 " *chrysophthalmus* V, \*59, 60; VIII, 103; IX, 49  
 " " *flavicans* V, \*59  
 " *concolor* V, 61; IX, 49  
 " " *effusa* V, 61; IX, 49  
 " *lychnus* V, \*60, 61; IX, 49  
 " *parietinus* V, \*60, 82; VIII, 104; IX, 49  
 " *polycarpus* V, \*60; IX, 49  
*Thelypteris* VIII, 94  
*Thuidium* V, 12, 54, 96  
 " *abietinum* IV, \*70, 71, 73, 74; VIII, \*17  
 " *Antillarum* VIII, 51  
 " *Blandovii* IV, 72, \*74; IX, 97; X, 103  
 " *delicatulum* III, \*12; IV, \*70, 72, 73, \*74; VIII, 94; IX, 35; X, 91, 105  
 " *glaucinum* VIII, 50, 51  
 " *gracile* IV, 14; X, 91  
 " " *Lancastriense* IV, 73; X, 91  
 " *hystricosum* VIII, \*17, 18  
 " *microphyllum* IV, 72, 74; VII, 7; IX, 66; X, 91  
 " " *lignicola* IV, 74  
 " " *Ravenellii* IV, 74  
 " *minutulum* IV, 71, 72, \*74  
 " *miradoricum* VIII, 51  
 " *paludosum* IV, 72, \*74; IX, 27  
 " " *elodioides* IV, 74  
 " *Philiberti* IV, 72, 73, 74  
 " *pulchellum* VIII, 70  
*Thuidium pygmaeum* IV, 71, 72, \*74; VIII, 52  
 " *recognitum* IV, 72, 73, \*74; VI, 95; IX, 66; X, 91  
 " *scitum* III, \*40; IV, \*70, 71, 72, 74; VIII, 64; IX, 27; X, 91, 105  
 " " *aestivale* IV, 73; IX, 65; X, 105  
 " *Vancouveriense* IV, 13  
 " *Virginianum* IV, 72, 73, 74; X, 91  
*Tillandsia usneoides* IV, 13; IX, 39  
*Timmiaceae* II, 112  
*Timmia* III, 11  
 " *cucullata* IV, 26, 27  
 " *elegans* VIII, 54, 55  
 " *megapolitana* III, 40; IV, 26, 27; VIII, 52  
 " *Norvegica* VII, 54  
*Timmiella* V, 69  
 " *anomola* VIII, 70; IX, 24  
*Tortella* VII, 63  
 " *fragilis* VIII, 113  
 " *tortuosa* VII, 7  
*Tortulaceae* VII, 38, 63  
*Tortula* III, 29; V, 69; VII, 37, 38, 63  
 " *alpina propagulifera* VIII, 70  
 " *atrovirens* IX, 35  
 " *Baileyi* IX, 41  
 " *evanescens* IX, 36  
 " *laevipila* VIII, 70  
 " " *formis* VIII, 70  
 " *laevipilaeformis* VIII, 70  
 " *latifolia* V, 69  
 " *Montana* VII, 6  
 " *muralis* X, 91  
 " *pagorum* VII, \*64, 65; VIII, 70  
 " *papillosa* IV, 2; VII, \*64, 65; IX, 27  
 " *princeps* IX, 34, 35  
 " *ruralis* VII, 6; VIII, 43, 113  
 " *subulata* VII, 37  
 " *truncatula* VIII, 43  
 " *vesiculosa* IX, 41  
*Trachycarpidium Novae Valesiae* IX, 36  
*Trematodon* VII, 63  
 " *ambiguum* V, 36; IX, 65  
 " *ambiguus* IX, 27, 97  
 " *longicollis* VII, 99  
*Trichocolea* VII, 94  
 " *tomentella* VIII, 60, 61; IX, 63; X, 83  
*Trichodon oblongus* VIII, 55  
*Trichostomum* V, 69; VII, 63  
 " *affine* VI, 36

- Trichostomum Bambergeri* VI, 50  
 " *cuspidatissimum* VI, 48, 50  
 " *cuspidatum* VI, 50  
 " *cylindricum* VII, 7  
 " *dicranoides* IV, 26  
 " *indigenum* VI, 87; VII, 30  
 " *macrostegium* IV, 26  
 " *mutabile* VI, 50; VII, 8  
 " *Sitkanum* VI, 48, 50  
 " *tenax* III, 50  
 " *tophaceum* VI, 47; VII, 99  
 " *Warnstorffii* IV, 27; VII, 69, \*70, 71  
*Tripterocladium* X, 100  
 " *leucocladium camptocarpum* V, 48  
*Triquetrella albicuspis* IX, 35  
 " *papillata* IX, 35  
*Ulotia Alaskana* VI, 48, 52, 53  
 " *Americana* VI, 95; X, 61  
 " *Bruchia* VI, 53  
 " *camptopoda* VI, 53  
 " *coarctata* VI, 95; VII, 15  
 " *connectans* VI, 53  
 " *crispa* III, 44; VI, 52, 53, 94, 95; IX, 65  
 " " *subcalvescens* VI, 48, 53  
 " *crispula* III, 44; VI, 53, 54; X, 91  
 " *crispula dolosa* VI, 88  
 " *Hutchinsiae* III, 44; VIII, 64; X, 91  
 " *intermedia* VI, 53  
 " *Ludwigii* III, 44; VI, 54; VII, 15; IX, 65  
 " *phyllantha* IV, 2; VI, 53, 54; IX, 24  
*Umbilicaria* V, 89; VIII, 89  
 " *Caroliniana* V, 91  
 " *cirrhusa* IX, 86  
 " *cylindrica* V, 90  
 " *Dillenii* V, \*89, 91; VIII, 83, 104; IX, 50, 72, 87; X, 65  
 " *erosa* V, 90  
 " *flocculosa* V, 90  
 " *hirsuta* IX, 83, 86, 87  
 " *vulgaris* IX, 86  
 " *hyperborea* V, 90  
 " *Muhlenbergii* V, \*89, 91; IX, 47, 50  
 " *Pennsylvanica* V, \*89, 91, 92; IX, 50  
 " *phaea* V, 90  
 " *polyrrhiza* IX, 83, 84  
 " *proboscidea* V, 90; X, 102  
 " *pustulata* V, \*90; VIII, 104; IX, 3, 47, 50  
*Umbilicaria pustulata papulosa* IX, 3, 47, 50; X, 65  
 " *spadochroa* IX, 83, 84, 85, 86, 87  
 " *vellea* V, \*89, 91; IX, 47, 50, 83, 84, 85, 86, 87; X, 102  
 " " *hirsuta rupta* IX, 87  
 " " *vellei-formis* IX, 86  
 " " *spadochroa cinero-rufescens* IX, 86  
 " " *spadochroa rupta* IX, 86, 87  
*Uncinatus* (Group) VIII, 8  
*Usneas* V, 12  
*Usnea angulata* IV, \*14, 15; IX, 49  
 " *barbata* VIII, \*83, 103; IX, 49  
 " " *articulata* IV, \*14  
 " " *ceratina* IV, 15; IX, 49, 81  
 " " *dasyopoga* IX, 49  
 " " *florida* IV, \*15; VIII, 51; X, 64  
 " " *florida hirta* IX, 47, 49  
 " " " *rubiginea* IX, 81  
 " " " *strigosa* IX, 81  
 " " *hirta* IV, \*14, 15  
 " " *plicata* IX, 49; X, 65  
 " " *rubiginea* IV, 15; IX, 49  
 " *longissima* II, \*51; IV, \*14, 15; VIII, 74; IX, 49  
 " *trichodea* IV, \*14, 15; IX, 49  
*Verrucaria fulva* X, 41  
*Weberia* III, 14, 16; VI, 67; VII, 38; VIII, 5, 79  
 " *albicans* X, 104  
 " *annotina* IV, 2, 62; VIII, 72  
 " *carinata* V, 15, 30, 49; VII, 43  
 " *chlorocarpa* VIII, 71  
 " *commutata* V, 15; X, 6  
 " *cruda* VIII, 43  
 " " *alpina* V, 44  
 " " *imbricata* V, 28  
 " *cucullata carinata* V, 15, 49  
 " *Debati* VIII, 72  
 " *Drummondii* VI, 66  
 " *gracilis* VI, 66; VIII, 72  
 " *Lachnaudii* n. sp, VII, \*66, 90  
 " *Lescuriana* X, 91  
 " *lutescens* VII, 66  
 " *nutans* III, 14; X, 91  
 " " *forma* V, 28  
 " *proligeria* IV, 12, 50; VII, 43; VIII, 64  
 " *pseudogracilis* VI, 48, 66  
 " *Racovitza* V, 28  
 " *sessilis* I, \*64, 66, 67; V, \*73, 94; VII, 38; VIII, 3  
 " *Tozeri* VII, 99  
 " *viridula* X, 91  
*Weisia* VII, 33, 63, 69

- Weisia amblyodon VII, 33  
“ Bruchiana VII, 33  
“ controversa VII, 32  
“ “ stenocarpa VII, 33  
“ fallax VII, 33  
“ gymnostomoides VII, 33  
“ humilis VII, 33  
“ microstoma VII, 33  
“ Mittenii (Astomum) X, 1, 2  
“ mucronata VII, 32, 33, 44  
“ mucronulata VII, 8, 32, 33, 44  
“ Rudolphiana VII, 33  
“ viridula V, 14; VI, 95; VII, 8,  
32, 74  
“ “ gymnostomoides V, 13
- Weisia Wimmeriana V, 14; VII, 43  
Weissia VI, 4; VII, 40  
“ Americana III, 44; VI, 4, 5, 95  
“ coarctata III, \*43, 44  
“ curvirostre commutata IV, 75  
“ flavipes IX, 35  
“ nigrita VII, 40  
“ ulophylla III, \*43, 44  
“ “ crispula III, 44  
“ viridula X, 104  
Wimmeriana V, 14  
Ymnitrichum VIII, 41  
Zygodon Fosteri IV, 11

## GENERAL INDEX TO TITLES.

- Additional Notes on Method of Microscopical Examination of Mosses. John M. Holzinger, II: 107, 108, 109.
- Additions to Bryophyte Flora of Long Island. A. J. Grout, IX: 26-28.
- Additions to Flora of Middlesex Co., Mass. R. H. Howe, Jr., IX: 81, 82.
- Advantage of Frequent Visits to Moss Localities. B. D. Gilbert, VIII: 93, 94.
- Alaskan Moss Flora, Additions to. John M. Holzinger, V: 30.
- Alectoria (Illus.). Carolyn W. Harris, IV: 36-39.
- Amblystegium Montanæ, a Puzzling Moss from N. W. Montana. John M. Holzinger, V: 26, 27.
- A Moss? Alice L. Crockett, V: 98.
- Anacamptodon splachnoides. Elizabeth G. Britton and Others, I: 41-43.
- Anacolia (The Genus) in North America. John M. Holzinger, VII: 28, 29.
- Andreæa, A Red. Cora H. Clarke, X: 55.
- Annual Reports Sullivant Moss Chapter, III: 10-12, 51, 52; IV: 16-18; V: 16-18; VI: 17, 18, 40; VII: 16-18; VIII: 12, 13, 33, 34; IX: 13-17; X: 13-16.
- An Interesting Tree. Dr. John W. Bailey, VI: 44, 45.
- Answer to Mrs. Britton's Article on Nomenclature. Jules Cardot, VII: 80, 81.
- Antherozoids of Mosses. Elizabeth G. Britton, III: 45.
- Antherozoids of Mosses. A. J. Grout, III: 4.
- Assistance, A Call for. John M. Holzinger, VII: 43.
- Australian Mosses. Rev. W. W. Watts, IX: 34-36, 41.
- Bazzania (Illus.) William C. Barbour, IV: 68, 69.
- Bibliography. Thomas P. James, VI: 101.
- Botanical Congress at Vienna. Elizabeth G. Britton, VIII: 80, 81.
- Brachythecium Nelsoni n. sp. A. J. Grout, V: 75, 76.
- Brachythecium, A New Variety. A. J. Grout, VII: 34.
- Brachythecium, A New Variety. A. J. Grout, VII: 44.
- Brachythecium, Two New Species of. A. J. Grout, III: 36.
- Brachythecium, Two New Varieties of. A. J. Grout, IV: 48.
- Branched Paraphyses of Bryum roseum (Illus.). E. J. Hill, VI: 80, 81.
- Bryological Memorial Meeting at Columbus. Elizabeth G. Britton, II: 77, 78.
- Bryological Millinery. Cora H. Clarke, V: 77, 78.
- Bryologist's Glimpse into Geological History. John M. Holzinger, VII: 42, 43.
- Bryophytic Flora of West Virginia. A. LeRoy Andrews, VIII: 63-65.
- Bryum capillare flaccidum. John M. Holzinger, V: 9.
- Bryum Fosteri n. sp. John M. Holzinger, VIII: 80.
- Buxbaumia, Something New About. A. J. Grout, VII: 51.
- Calypogeia, The Genus and its Type Species. Alexander W. Evans, X: 24-30.
- Catharinea and Georgia (Illus.). A. J. Grout, I: 63, 64.
- Catharinea crispa in Maine. Alice L. Crockett, X: 74.
- Catharinea in Hartford Co. Annie Lorenz, X: 45-47.
- Catharinea rosulata. Dr. T. C. Frye, X: 53, 54.
- Catharinea Tschutschica (Illus.). John M. Holzinger, V: 79-82.
- Cephalozia Francisci (Illus.) Caroline Coventry Haynes, IX: 5, 6.

- Characteristics of *Lophozia inflata* and *Cephalozia fluitans*. Caroline Coventry Haynes, IX: 74, 75.
- Cinclidotus fontinaloides*, Note on. John Macoun, III: 30.
- Cladonias*, Further Notes on (Illus.) Bruce Fink, No. 2, VII: 21-27; No. 3, VII: 53-58; No. 4, VII: 85-88; No. 5, VIII: 37-41; No. 6, IX: 21-24; No. 7, IX: 57-60; No. 8, IX: 89-91; No. 9, X: 21-23; No. 10, X: 41-45; No. 11, X: 57-60; No. 12, X: 77-79; No. 13, X: 97-100.
- Cladonias*, Notes on Certain (Illus.), No. 1. Bruce Fink and Mabel A. Husband, VI: 21-27.
- Claopodium pellucinerve*. Dr. George N. Best, III: 19.
- Climacium* (Illus.). A. J. Grout, IV: 52-55.
- Climacium Americanum* in Decoration. A. Bruce Jackson, X: 54.
- Climacium dendroideum* for Millinery. Elizabeth G. Britton, V: 98.
- Climacium Kindbergii*. J. Warren Huntington, V: 10.
- Cord Moss and its Allies. A. J. Grout, II: 52-55.
- Correction, A. John M. Holzinger, VII: 44.
- Correction, A. Annie Morrill Smith, VI: 105.
- Coscinodon*, The Genus. John M. Holzinger, II: 80, 81.
- Cummings, Prof. Clara E. (Portrait, and Bibliography). Bruce Fink, X: 37-41.
- Curbstone Mosses. Cora H. Clarke, VII: 74.
- Current Bryological Literature. IV: 26-30, 48-50; V: 40-42, 67-72, 86-88; VI: 16.
- Current Literature. A. J. Grout, V: 40-42, 67-72, 86.
- Current Literature. John M. Holzinger, V: 44, 45, 72.
- Cynodontium Schisti*. John M. Holzinger, V: 9.
- Diagnostic Characters in *Jungermanniaceae* (Illus.). Alexander W. Evans, VIII: 57-63.
- Dicranums* (Illus.) A. J. Grout, I: 86-89; II: 23-25.
- Discelium nudum* in New Jersey. Dr. G. N. Best, IV: 30, 31.
- Distribution of *Dicrana*, Geographical. Dr. Rodney H. True, II: 25-27.
- Distribution Eastern Species of *Mnium*. Elizabeth G. Britton, III: 4-6.
- Ecological Distribution of Lichens, Incentive to Study. Bruce Fink, V: 39, 40.
- Election Notices. II: 28, 112; III: 52; IV: 76; V: 104; VI: 105; VII: 100; VIII: 115; IX: 104; X: 111, 112.
- Encalypta procera*. E. J. Hill, VIII: 107-110; IX: 32.
- Entosthodon Leibergii* (Illus.) n. sp. Elizabeth G. Britton, III: 34, 35.
- Erpodium*, Long Lost Genus to U. S. Elizabeth G. Britton, VIII: 71.
- Erroneous References. Prof. J. Franklin Collins, VII: 32-33.
- Evernia* (Illus.). Carolyn W. Harris, IV: 36-39.
- Fabroleskea Austini* in Europe. John M. Holzinger, VI: 74, 75.
- Fissidens grandifrons*. Elizabeth G. Britton, III: 28, 29.
- Fissidens grandifrons*, its Habits and Propagation (Illus.). E. J. Hill, V: 56-58.



- Fissidens hyalinus*. Prof. Alonzo Linn, III: 28.  
*Fissidens* in Northeastern America (Illus.). Annie Morrill Smith, III: 25-27.  
*Fissidens*, Validity of a Species (Illus.). E. J. Hill, X: 67-74.  
Foliaceous and Fruticous Lichens, List Collected, Essex Co., N. Y.  
Carolyn W. Harris, IX: 48-52.  
Fossil Mosses, Some. John M. Holzinger, VI: 93, 94.  
Fruiting Season of *Catharinea*, Notes on. Phebe M. Towle, VIII: 44, 45.  
Fruiting Season of the Hair-cap Moss. Phebe M. Towle and A. E. Gilbert  
VII: 35, 36.  
*Frullania* (Illus.). W. C. Barbour, V: 3-5.  
*Funaria Americana*. John M. Holzinger, V: 7.  
*Funaria flavicans* (Illus.). R. S. Williams, IV: 9, 10.  
Further Notes on *Cladonias* (Illus.) Bruce Fink, VII: 21-27, 53-58, 85-88;  
VIII: 37-41; IX: 21-24, 57-60, 89-91; X: 21-23, 41-45, 57-60, 77-79, 97-100.  
Further Notes on *Sematophyllum*. Elizabeth G. Britton, VII: 59-61.  
Further Observations on *Buxbaumia*. Elias J. Durand and Mrs. Britton,  
IV: 32-34.  
Geographical Distribution of *Dicranums*. Dr. Rodney H. True, II: 25-27.  
Good Collecting Ground. William C. Barbour, V: 78.  
*Grimmia Dupreti* n. sp. (Illus.). I. Thériot, X: 62-64.  
*Grimmia glauca*, A New Species or Hybrid (Illus.). John M. Holzinger,  
IX: 29-31.  
*Grimmia Holzingeri* Once More (Illus.). John M. Holzinger, IV: 24, 25.  
*Grimmia Manniae* and *G. Holzingeri*. John M. Holzinger, IV: 10-12.  
*Grimmia teretinervis* in North America (Illus.). John M. Holzinger,  
III: 20-22.  
Hair-cap Mosses, The (Illus.). A. J. Grout, I: 18-20.  
Hammock Formation. John K. Small, VII: 81.  
Hammock (Grove) Formations. Elizabeth G. Britton, VI: 58.  
Heater for Glycerine Jelly Slides (Illus.). J. Franklin Collins, II: 21-23.  
Hepaticae Known to Occur in W. Virginia. Dr. John L. Sheldon, X: 80-84.  
Hepatics (Illus.). William C. Barbour, VI: 27-32.  
Hepatics (List) Collected Herkimer Co., New York. Caroline Coventry  
Haynes, IX: 62-63.  
Hepatics, Notes on a Colony Found Associated with a Dead Fungus. Caro-  
line Coventry Haynes, VIII: 31.  
Hepatics With Hand-Lens, Keys (Illus.). A. J. Grout, VII: 89-98.  
How to Collect Mosses. A. J. Grout, I: 62, 63.  
How to Collect and Study Lichens. Bruce Fink, VIII: 22-27.  
How to Know Some Common Bryums (Illus.). Elizabeth G. Britton, III: 16-19.  
How to Mount Mosses. A. J. Grout, III: 7, 8.  
*Hylocomiums* of Northeastern United States (Illus.). Annie Morrill Smith,  
IV: 3-7.  
*Hymenostomum* in North America, The Genus. John M. Holzinger,  
VII: 8-10.  
*Hyophila*, A New Genus to the U. S. (Illus.). Elizabeth G. Britton, VII: 69-71.

- Hypnum Bestii*. R. S. Williams, IV: 21, 22.  
*Hypnum capillifolium Baileyi*, n. var. F. Renauld, VI: 61.  
*Hypnum fluitans* var. *Atlanticum*. H. N. Dixon, V: 31.  
*Hypnum occidentale*. George N. Best, IV: 13.  
Hulst Botanical Club of Brooklyn. VII: 66.  
Illustrated Glossary. A. J. Grout, II: 82, 83, 110, 111; III, 2, 3, 23, 24, 31, 32, 33, 45-48; IV, 7, 8.  
Important Notice. VII: 99.  
Injury Done to Mosses by Insects. Dr. George N. Best, III: 33.  
Interesting (An) Moss Book. A. J. Grout, VII: 39, 40.  
James, Thomas Potts (Portrait) Centennial. Mrs. Mary I. J. Gozzaldi, VI: 71-74.  
Key to Bryums. A. J. Grout, III: 13-15.  
Key to Climaciums. A. J. Grout, IV: 52, 53.  
Key to Dicranums. A. J. Grout, II: 23, 24.  
Key to Fissidens. Annie Morrill Smith, III: 25, 26.  
Key to Frullanias. William C. Barbour, V: 3.  
Key to Hepatics. A. J. Grout, VII: 90-95.  
Key to Hylocomiums. Annie Morrill Smith, IV: 3.  
Key to Lejeuneas. William C. Barbour, VI: 28.  
Key to Leskeas. Dr. G. N. Best, VI: 97.  
Key to Lichen Species. F. LeRoy Sargent, VIII: 102-106.  
Key to Mniums. A. J. Grout, II: 105, 106.  
Key to Orthotrichums. A. J. Grout, VI: 4, 5.  
Key to Porella. W. C. Barbour, V: 33.  
Key to Thuidiums. Dr. G. N. Best, IV: 70-72.  
*Lejeunea* (Illus.). W. C. Barbour, VI: 27-32  
*Lepidozia sylvatica* (Illus.). Alexander W. Evans, IX: 77, 78.  
Lesson in Systematic Bryology (Illus.). Dr. G. N. Best, VIII: 17-22.  
*Leucobryum glaucum* (Illus.). W. H. Burrell, X: 108-111.  
*Leucodon* (Illus.) The Genus. A. J. Grout, V: 1, 2.  
Lichenology for Beginners (Illus.). F. LeRoy Sargent, VIII: 45-48, 66-69, 81-86, 93-106.  
Lichens of Adirondack League Club Tract. Carolyn W. Harris, X: 64-66.  
Lichens of British Columbia. Thomas Hebden, X: 101-102.  
Lichens—Cladonias, Notes on. Bruce Fink, VI: 21-27; VII: 21-27, 53-58, 85-88; VIII: 37-41; IX: 21-24, 57-60, 89-91; X: 21-23, 41-45, 57-60, 77-79, 97-100.  
Lichens (Illus.). Carolyn W. Harris, IV: 13-15, 36-39, 41-45, 57-61; V: 21-24, 59-62, 89-92; VI: 55-58, 76-79; VII: 1-4, 45-48, 71-73.  
Lichen Notes (Illus.). G. K. Merrill, No. 1. VIII: 110-112; No. 2, IX: 3, 4; No. 3, IX: 66-71; No. 4, IX: 83-87.  
Lichens of Mt. Watatic, Mass. R. H. Howe, Jr., IX: 46-48.  
*Limnobium Bestii* (Illus.). John M. Holzinger, IV: 22-24.  
Limpricht, Karl Gustave and His Work. John M. Holzinger, VI: 14, 15, 33-35.

- Lunularia cruciata* in Fruit. Julia T. Shinn, V: 76, 77.
- Macroscopic Study of Lichens, What to Note in. Bruce Fink, VIII: 73-76, 86-90.
- Marchantia* and *Conocephalum* (Illus.). W. C. Barbour, IV: 34-36.
- Maryland Bryophytes and Two Mosses from Virginia. Edward B. Chamberlain, VIII: 77-78.
- Mica for Slides. Annie Morrill Smith, II: 56.
- Microscopical Examination of Mosses, Additional Notes on Method of. John M. Holzinger, II: 107-109.
- Microscopical Technique. J. B. Naylor, IX: 82.
- Mitten, William, with Portrait and Bibliography. W. Ed. Nicholson, X: 1-5.
- Mniums, The (Illus.). A. J. Grout, II: 78-80.
- Mnium Synonyms, Annie Morrill Smith, II: 106, 107.
- Moss, A New to North America. John M. Holzinger, VII: 77.
- Mosses at Congress of New England Nat. Hist. Societies. Cora H. Clarke, IX: 25, 26.
- Mosses New to North America (Translated by Edith A. Warner). IV: 25, 26.
- Mosses (List) Collected in Herkimer Co., New York. Annie Morrill Smith, IX: 63-66.
- Mosses (List) Collected in Missouri. Rev. C. H. Demetrio, X: 103-106.
- Mosses et Coup d'oeil, J. Cardot. John M. Holzinger, V: 28, 29.
- Mosses of Alaska—Cardot and Thériot. VI: 48-54, 65-70, 83-86.
- Mosses of Upper Yukon River, Additional. R. S. Williams, VI: 61, 62.
- Mosses of Waterville, N. H. Annie Lorenz, IX: 96-97; X: 102-103.
- Mounting Mosses. Cora H. Clarke, VI: 102, 103.
- Mounting Mosses. B. D. Gilbert, VII: 61, 62.
- Mounting Moss Specimens. Edward B. Chamberlain, VI: 75, 76.
- Musci and Hepaticae of Washington, D. C. John M. Holzinger, X: 85-92.
- NECROLOGY.** Bennett, James Lawrence. VII: 79.  
     Beschererelle, Emile. VI: 46.  
     Burnett, D. A. V: 30.  
     Cummings, Prof. Clara E. X: 33, 34, 37-41.  
     Limpricht, Karl Gustav. VI: 14.  
     Linn, Alonzo. V: 12.  
     Philibert, Henri. IV: 46.  
     Stevens, Mary L. X: 106.  
     Wetherby, A. G. V: 103.
- New American Mosses. I: 43, 44, 67, 68, 91, 92; II: 84; III: 8, 9, 33, 34, 48, 49; IV: 47.
- New Habitat for *Schistostega*. A. J. Grout, V: 103.
- New Hypnum from Montana, A. John M. Holzinger, IV: 12.
- New Moss Chapter, The. I: 85, 86.
- New Mosses of North America. Renauld & Cardot, VI: 86-89.
- New or Interesting Species from Montana. R. S. Williams, V: 100-102.
- New or Rare Mosses. John M. Holzinger, I: 41-43, 66-67.

- New Species of Hepaticae. Alexander W. Evans, VII: 68.  
New Species of Mnium from Idaho and Montana. Elizabeth G. Britton and R. S. Williams, III: 6, 7.  
New or Unrecorded Mosses. Cardot & Thériot, V: 13-16, 47-49.  
Nomenclature, Answer to Mrs. Britton's Article on. Jules Cardot, VII: 80, 81.  
North American Thuidiums (Illus.). Dr. G. N. Best, IV: 70-74.  
Note, A. Annie Morrill Smith, V: 85; A. J. Grout, VII: 40; J. Franklin Collins, VII: 44.  
Note on Bryum proligerum. Annie Morrill Smith, V: 84, 85.  
Notes on Buxbaumia. A. J. Grout, J. W. Huntington and Harriet Wheeler, IV: 8, 9; Elizabeth G. Britton, III: 45.  
Notes on Buxbaumia aphylla. Francis Windle, III: 52.  
Notes on Life History of Mniums. Phebe M. Towle, IX: 54-56.  
Notes on Life History of Mosses. A. J. Grout, I: 40, 41.  
Note on Local Moss Distribution. John M. Holzinger, VIII: 112, 113.  
Notes on a Long Island Moss. Elizabeth G. Britton, V: 66, 67.  
Notes on Luzon Mosses. R. S. Williams, VIII: 78-80.  
Notes on Mounting Mosses, Further. Willard N. Clute, III: 39.  
Notes on New or Rare Mosses. Mrs. J. D. Lowe and John M. Holzinger, VII: 77.  
Notes on Nomenclature. Elizabeth G. Britton, No. 1, V: 10-12; No. 2, VI: 42, 43; No. 3, VII: 48-50; No. 4, VIII: 4-6; No. 5, VIII: 49; No. 6, IX: 37-40; No. 7, X: 7, 8; No. 8, X: 100, 101.  
Note to Moss Students. John M. Holzinger, III: 9.  
Notes on Rare or Little Known Mosses. Elizabeth G. Britton, IV: 62, 63; Annie Morrill Smith, IV: 63.  
Notes on Rare or Little Known Mosses. Dr. J. W. Bailey, Ezra T. Cresson, Jr., and Annie Morrill Smith, VII: 51, 52.  
Notes on Rare or Little Known Mosses. J. M. Holzinger, IV: 50-52; V: 9, 10; J. W. Huntington, V: 10.  
Notes on Recent Literature. A. J. Grout, V: 47-49, 60, 61.  
Notes on Vermont Mosses. A. J. Grout, VII: 5-7.  
Notes on Vermont Bryophytes. A. J. Grout, X: 6, 7.  
Noteworthy American Mosses. A. J. Grout, II: 80.  
OBITUARY. Bennett, J. L. VII: 79.  
Bescherelle, E. VI: 46.  
Burnett, D. A. V: 30.  
Cummings, Prof. Clara E. X: 33, 34, 37-41.  
Limpricht, K. G. VI: 14, 15.  
Linn, Alonzo. V: 12.  
Philibert, H. IV: 46.  
Stevens, Mary L. X: 106.  
Wetherby, A. G. V: 103.  
Octodiceris Julianum, its Propagation, Distribution, etc. (Illus.). Elizabeth G. Britton, V: 83, 84.

- Oedipodium Griffithianum*. R. S. Williams, VI: 47, 48.  
On the Genus *Fissidens* (E. S. Salmon). Elizabeth G. Britton, III: 29, 30.  
*Orthotrichum Hallii* (Illus.). John M. Holzinger, V: 42-44.  
*Orthotrichum* (Illus.). A. J. Grout, VI: 4-6.  
Outfit for Study of Mosses. A. J. Grout, I: 17, 18.  
*Papillaria nigrescens* (Illus.). Elizabeth G. Britton, VII: 14, 15.  
Peristome, The (Illus.). A. J. Grout, No. 1, IV: 31, 32; No. 2, V: 53-56;  
No. 3, V: 73, 74; No. 4, V: 94, 95; No. 5, VI: 63-65; No. 6, VII: 37-39.  
Phaenological Observations on Mosses. H. W. Arnell, VIII: 41-44.  
*Physcia* (Illus.). Carolyn W. Harris, V: 21-24.  
*Pogonatum* or Bearded Moss. A. J. Grout, I: 38, 39.  
*Pogonatum tenue*. B. F. Bush, X: 53.  
*Pogonatum urnigerum* (Illus.). Mary F. Miller, VII: 4, 5.  
*Polytrichum commune*, Notes on. J. Franklin Collins, IX: 101, 102.  
*Polytrichum gracile* in Maine (Illus.). Elizabeth M. Dunham, X: 75.  
*Polytrichum*, Some Interesting Forms of (Illus.). A. J. Grout, VI: 41.  
*Porella* (Illus.). W. C. Barbour, V: 32-36, 46.  
Preparation of Mica for Slides. Annie Morrill Smith, II: 56.  
Preparation of Mosses for Examination with Compound Microscope.  
A. J. Grout, II: 49-51.  
*Pseudocaliergon*, A New Subgenus of *Hypnum*. (F. Renauld). Trans-  
lated by John M. Holzinger.  
*Psilopilum Tschuetschicum*. John M. Holzinger, V: 79-82.  
*Psilopilum Tschuetschicum*. R. S. Williams, VI: 38.  
*Ptychomitrium Leibergii* n. sp. Dr. George N. Best, IX: 80, 81.  
Puzzling Moss from N. W. Montana. John M. Holzinger, V: 26, 27.  
*Ramalina rigida* in Massachusetts. R. H. Howe, Jr., IX: 54.  
*Ramalina rigida* on Rhode Island Coast. R. H. Howe, Jr., IX: 32.  
*Ramalinas*, The (Illus.). Carolyn W. Harris, IV: 36-39.  
Recent Literature on Mosses. A. J. Grout, III: 49, 50.  
REVIEWS: Beiträge zur Laubmooseflora Ostgroenlands, P. Dusen. John  
M. Holzinger, V: 29.  
Bryophyta of the Faroes, C. Jensen. John M. Holzinger, V: 45.  
Dixon & Jameson, 2d Edition. J. P. Naylor, VIII: 90, 91.  
European Sphagnaceae, E. C. Horrell. J. M. Holzinger, IV: 49.  
Fern Allies of North America. W. N. and I. M. Clute. Annie  
Morrill Smith, IX: 12.  
Genera Muscorum, Carl Muller. J. M. Holzinger, IV: 28-30.  
Goebel's Organography of Plants. Elizabeth G. Britton, IX:  
10-12.  
Harriman Alaska Expedition — Cryptograms. Annie Morrill  
Smith, VII: 83.  
Kindberg's North American Bryniaea. J. M. Holzinger, VI: 16.  
Kryptogamenflora der Mark Brandenburg. C. Warnstorf. Dr.  
Alexander W. Evans, VII: 75.

- Lett's Hepatics of the British Islands. Dr. Marshall A. Howe, VII: 13, 14.
- Moss Flora of the Upper Minnesota River. J. M. Holzinger. A. J. Grout, VII: 10-12.
- Mosses of Alaska (Harriman Expedition). J. M. Holzinger, VI: 35, 36.
- Mosses et Coup d'oeil, J. Cardot. J. M. Holzinger, V: 28, 29.
- Mosses With a Hand-lens. A. J. Grout. Dr. G. N. Best, IV: 28.
- Mosses With a Hand-lens, including Hepatics. A. J. Grout. Alexander W. Evans, VIII: 91.
- Mosses With Hand-lens and Microscope, Pt. 1. A. J. Grout. J. M. Holzinger, VI: 104.
- Mosses With Hand-lens and Microscope, Pt. 2. A. J. Grout. J. Franklin Collins, VII: 63.
- Mosses of Java. Max Fleischer. Elizabeth G. Britton, VII: 76.
- Musci Archipelagi Indici. Max Fleischer. Elizabeth G. Britton, VIII: 66.
- Musci Boreali Americani, Fascs. 1, 2, 3 and 4. J. M. Holzinger. A. J. Grout, VII: 34, 62, 99.
- Musci in Engler & Prantl. J. M. Holzinger, VII: 76, 77.
- Musci Norvegiae Borealis, Pts. 1 and 2. I. Hagen. J. M. Holzinger, V: 44, 45.
- North American Musci Pleurocarpi. A. J. Grout. Elizabeth G. Britton, III: 45.
- Teaching Biology. Lloyd & Bigelow. A. J. Grout, VIII: 6.
- Revision North American Species Leskea, Dr. G. N. Best. A. J. Grout, VI: 96.
- Recherches Anatomiques sur les Leucobryacées. J. Cardot. J. M. Holzinger, IV: 48, 49.
- Roth, Die Europäischen Laubmoose. Dr. V. F. Brotherus, VII: 31, 32; J. M. Holzinger, VIII: 113.
- Roth, Die Europäischen Torfmoose. W. Ed. Nicholson, IX: 102, 103.
- Roth, Die Europäischen Torfmoose. A. LeRoy Andrews, X: 51, 52.
- Revision of North American Species of Leskea, with Key. Dr. G. N. Best, VI: 97-101.
- Rhacomitrium heterostichum gracilescens. Alice L. Crockett, VIII: 33.
- Rhacomitrium Flettii, n. sp. (Illus.). John M. Holzinger, VII: 41.
- Rhacopilum tomentosum (Illus.). Elizabeth G. Britton, X: 31-33.
- Scapania Evansii, n. sp. N. Bryhn, IV: 45, 46.
- Scientific Names and Their Changes, etc. A. J. Grout, V: 50, 51, 95-97.
- Sectioning Stems. Dr. G. N. Best, V: 25.
- Seligeria campylopoda. Elizabeth G. Britton, V: 24, 25.
- Seligeria tristicha and tristichoides (Illus.). J. M. Holzinger, V: 7-9, 31, 62, 63; VI: 47.

- Sematophyllum, The Genus. Elizabeth G. Britton, V: 64-66.
- Sematophyllum recurvans (Illus.). Elizabeth G. Britton, VI: 1-3.
- Some Common Errors. Edward B. Chamberlain, VIII: 106, 107.
- Some Moss Societies. A. J. Grout, VI: 94-96.
- Specific Value of Position of Reproductive Organs in Bryum. A. J. Grout, VII: 50, 51.
- Splachnums, The (Illus.) Elizabeth G. Britton, VI: 91-93.
- Stereodon plicatulus (Illus.) Harald Lindberg, VI: 82, 83.
- Sticta (Illus.). Carolyn W. Harris, VI: 55-58, 70.
- Suggestions for Glycerine Jelly Mounts. J. M. Holzinger, III: 42.
- Sullivant Moss Chapter Meetings—Columbus. II: 77, 78; Bronx Park, III: 51; Philadelphia, VII: 99; VIII: 83, 84; Columbia University, IX: 104, 105; X: 35, 36.
- Sullivant Moss Chapter Members. IV: 18-20; V: 18-20; VI: 18-20; VII: 18-20; VIII: 14-16; IX: 18-20; X: 17-20.
- Sullivant Moss Chapter Notes. IV: 40, 56, 76; V: 52, 104; VI: 39, 89, 90, 105; VII: 36, 99; VIII: 56, 76, 92, 115; IX: 12, 13, 33, 87, 103; X: 36, 55, 56, 75, 76, 95.
- Sullivant, William Starling, (Portrait) Biographical Sketch. Annie Morrill Smith, VIII: 1-3.
- Sun Prints in Bryology (Illus.). A. J. Grout, VI: 45, 46.
- Sun Prints in Bryology (Illus.). Dr. Rodney H. True. V: 37, 38.
- Telaranea nematodes longifolia (Illus.) Caroline Coventry Haynes, VIII: 97, 98.
- Ten Lophozias (Illus.). Caroline Coventry Haynes, IX: 98, 99, 100; X: 9-12.
- Tetraplodon Australis, A Study of. I. Hagen, IX: 92-94.
- Theloschistes (Illus.). Carolyn W. Harris, V: 59-62.
- Third Botanical Symposium. Joseph Crawford, IX: 73, 74.
- Tortula pagorum. W. E. Nicholson, VIII: 70.
- Tortula pagorum in Georgia (Illus.). A. J. Grout, VII: 64, 65.
- Tuckerman, Edward (Portrait), Brief Summary of His Work. Bruce Fink IX: 1, 2.
- Two Anomalies and a Curious Sight. B. D. Gilbert, IX: 72.
- Two Changes of Name. John M. Holzinger, VIII: 54.
- Two New Species of Brachythecium (Illus.). A. J. Grout, III: 36-39.
- Two New Varieties of Brachythecium (Illus.). A. J. Grout, IV: 48.
- Vancouver Island Bryology. Dr. John W. Bailey, IX: 95, 96.
- Vegetative Reproduction of Mosses. Dr. G. N. Best, IV: 1-3.
- Webera prolifera in Amesbury. J. Warren Huntington, IV: 50.
- Webera prolifera in North America. John M. Holzinger, IV: 12.
- Webera sessilis and Ants. Charles C. Plitt, X: 54, 55.
- Weisia (Illus.). A. J. Grout, III: 43, 44.
- West Indian Mosses in Florida. Elizabeth G. Britton, VI: 58-61.
- What are Mosses? A. J. Grout; and Marie L. Sanial, II: 51, 52.
- When Doctors Disagree. Elizabeth G. Britton, VII: 78.
- When Doctors Disagree. A. J. Grout, IX: 42.

## INDEX TO AUTHORS.

- Andrews, Dr. A. LeRoy. VIII: 63-65; 51, 52.  
Arnell, H. Wilhelm. VIII: 41-44.  
Bailey, Dr. John W. VI: 44, 45; VII: 51, 66; IX: 95, 96; X: 14, 15.  
Barbour, William C. IV: 34, 68; V: 3-5, 32-36, 46, 47, 78, 92-94; VI: 27-32; VII: 18.  
Best, Dr. George N. I: 43; III: 19, 33; IV: 1, 13, 28, 30, 70; V: 17, 25; VI: 17; VIII: 17-22; IX: 79-81.  
Britton, Mrs. Elizabeth G. I: 41, 89; II: 77; III: 4, 6, 16, 28-30, 34, 35, 45; IV: 27, 33, 62; V: 10-12, 24, 25, 52, 64-67, 83, 84; VI: 1-3, 42, 43, 58-61; VII: 14, 15, 48, 50, 59-61, 69-71, 76, 78; VIII: 4-6, 49, 66, 71, 80, 81; IX: 10-12, 37-40; X: 7, 8, 31-33, 100, 101.  
Brotherus, Dr. V. F. VII: 31, 32.  
Bryhn, N. IV: 45.  
Burnett, D. A. I: 42, 43, 66.  
Burrell, Mr. W. H., F. L. S. X: 107-111.  
Bush, Mr. B. F. X: 53.  
Cardot, Jules. IV: 75; VII: 30, 31, 80, 81; VIII: 49-51.  
Cardot & Thériot. V: 13-16, 47-49; VI: 35, 36, 48, 54, 65-70; 83-86; VIII: 8-11, 39, 71-73, 95, 96; IX: 6-10.  
Chamberlain, Mr. Edward B. IV: 40; V: 52; VI: 75, 76; VIII: 77, 78, 106, 107; IX: 12-14, 53, 104-106; X: 52, 53, 103.  
Chase, Mrs. Agnes. VIII: 12.  
Claassen, Mr. Edo. I: 43.  
Clarke, Miss Cora A. V: 77, 78; VII: 74; IX: 13, 25, 26; X: 55.  
Clute, Mr. Willard N. III: 39.  
Coker, W. C. VIII: 93.  
Collins, Prof. J. Franklin. I: 91; II: 21; IV: 18; VII: 32, 33, 44, 63; IX: 60-62, 101, 102; X: 16.  
Crawford, Mr. Joseph. IX: 73, 74.  
Cresson, Jr., Mr. Ezra T. VII: 51, 52.  
Crockett, Miss Alice L. VIII: 33; X: 74.  
Demetrio, Rev. Charles H. X: 103-106.  
Dixon, H. N. V: 31.  
Doran, Miss Genevieve. VII: 67.  
Dunham, Mrs. Elizabeth Marie. X: 75, 106.  
Durand, Prof. Elias J. IV: 32.  
Evans, Dr. Alexander W. VII: 68, 75; VIII: 57-63, 91; IX: 77, 78; X: 24-30.  
Fink, Prof. Bruce. V: 39, 40; VI: 21-27; VII: 21-27, 53-58, 85-88; VIII: 22-27, 38-41, 73-76, 86-90; IX: 1, 2, 21-24, 52, 57-60, 89-91; X: 21-23, 37-39, 41-45, 57-60, 77-79, 97-100.  
Frye, Dr. T. C. X: 53, 54.  
Gilbert, Miss Anna E. VII: 35, 36.  
Gilbert, Mr. Benjamin D. VII: 61, 62; VIII: 93, 94; IX: 72.



- Gozzaldi, Mrs. Mary Isabella. VI: 71-74.
- Grout, Dr. A. J. I: 17, 18, 37, 38, 40, 43, 61-63, 66, 67, 85, 86, 91; II: 23, 28, 49, 51, 52, 56, 78, 82, 105, 110; III: 1, 2, 4, 7, 10, 13, 23, 31, 36, 41, 43, 45, 48, 49, 52, 55; IV: 7-9, 16, 31, 48, 50, 52; V: 1, 2, 30, 31, 40-42, 50, 51, 53-56, 67-76, 78, 94-97, 103; VI: 4-13, 15, 38, 41, 45, 46, 63-65; VII: 5-7, 10-12, 15, 32, 34, 37-40, 44, 50, 51, 62, 64, 65, 89-99; VIII: 3, 4, 6, 51-54, 66; IX: 24, 26-28, 42-46, 105; X: 6, 7, 47-49, 60, 61.
- Hagen, Dr. I. IX: 92-94.
- Harris, Mrs. Carolyn W. IV: 13, 36, 41, 57; V: 21-24, 59-62, 89-92; VI: 55-58, 76-79; VII: 1-4, 17, 18, 45-48, 66, 71-73; VIII: 76; IX: 48-52, 87; X: 64-66.
- Haynes, Miss Caroline Coventry. VIII: 31, 32, 92, 97, 98; IX: 5, 6, 16, 28, 29, 62, 63, 74, 75, 98-100; X: 9-12, 15.
- Hebden, Mr. Thomas. X: 101, 102.
- Hill, Mr. E. J. V: 56-58; VI: 80, 81; VIII: 107-110; IX: 32; X: 67-74.
- Holzinger, Prof. John M. I: 67; II: 27, 80, 107; III: 20-22, 42; IV: 10-12, 22, 24, 28, 48-50, 63; V: 7-9, 26-30, 43-45, 62-64, 72, 79-82; VI: 14-16, 33-38, 46, 47, 74, 75; VII: 8-10, 16, 28, 36, 41-44, 76, 77; VIII: 7, 8, 28-31, 34, 35, 54, 55, 80, 112-115; IX: 7, 29-31; X: 13, 49-51, 85-92.
- Howe, Dr. Marshall A. VII: 13, 14.
- Howe, Jr., Mr. Reginald Heber. IX: 32, 46-48, 81, 82, 103.
- Huntington, Mr. J. Warren. IV: 9, 50; V: 10, 52.
- Husband, Mabel A. VI: 21-27.
- Jackson, Mr. A. Bruce. X: 54.
- Kennedy, Dr. George G. I: 43; V: 31.
- Lindberg, Harald. VI: 82, 83.
- Linn, Prof. Alonzo. III: 28.
- Lorenz, Miss Annie. IX: 96, 97; X: 34, 35, 45-47, 102, 103.
- Lowe, Mrs. Josephine D. VII: 7.
- Macoun, Prof. John. III: 30.
- Merrill, Mr. G. K. VIII: 110-112; IX: 3, 4, 16, 66-71, 83-87; X: 16.
- Miller, Miss Mary F. VII: 4, 5, 99; VIII: 12, 13, 33, 34; IX: 14, 15.
- Naylor, Prof. J. P. VIII: 90, 91; IX: 82.
- Nicholson, Mr. William Edward. VI: 39; VIII: 70; IX: 102, 103; X: 1-5, 13.
- Plitt, Mr. Charles C. X: 54, 55.
- Renauld F. IV: 63; V: 64; VI: 61.
- Renauld & Cardot. VI: 86-89.
- Sanial, Miss Marie L. II: 51.
- Sargent, Prof. Frederick LeRoy. VIII: 45-48, 66-69, 81-86, 98-106.
- Sheldon, Dr. John L. X: 80-84.
- Shin, Mrs. Julia T. V: 76, 77.
- Small, Dr. John K. VII: 81.
- Smith, Mrs. Annie Morrill. II: 106; III: 10, 25, 51; IV: 3, 16, 56, 63; V: 12, 84, 85, 103, 104; VI: 89, 90; VII: 15, 52, 67, 79; VIII: 1-3, 12, 92; IX: 12, 15, 63-66, 104; X: 16.
- Thériot, I. IV: 75; X: 62-64.

- Towle, Miss Phebe M. VII: 35, 36; VIII: 44, 45; IX: 54-56.  
True, Dr. Rodney H. II: 25; V: 37, 38.  
Vail, Miss Anna Murray. I: 42.  
Warner, Miss Edith A. VII: 17. Translation IV: 25-26; V: 13-16, 47-49;  
VI: 35, 36, 48-54, 65-70, 83-86; VIII: 8-11, 39, 71-73, 95, 96; IX: 6-10.  
Watts, Rev. W. W. IX: 34-36, 41.  
Wheeler, Miss Harriet. IV: 9; VI: 17; VII: 16, 17.  
Whitney, Mr. Walter C. X: 92-95.  
Williams, Mr. R. S. III: 6; IV: 9, 21, 26; V: 100-102; VI: 38, 47, 48, 61, 62;  
VIII: 78, 79.  
Windle, Mr. Francis. III: 52.  
Winslow, Mr. E. J. X: 111.  
Wood, Mr. George C. VIII: 51.

**Plates.**

VOL.	NO.		AUTHOR.
III p.	35.	<i>Entosthodon Leibergii</i> sp. nov.....	Elizabeth G. Britton.
III p.	38.	<i>Brachythecium Noveboracense</i> , <i>B. Washingtonianum</i> sp. nov .....	A. J. Grout.
IV Pl.	I.	<i>Usnea barbata hirta</i> , <i>U. angulata</i> , <i>U. longissima</i> , <i>U. articulata</i> , <i>U. trichodea</i> .....	Carolyn W. Harris.
IV "	II.	<i>Usnea barbata florida</i> , <i>U. barbata hirta</i> , <i>U. angulata</i> , <i>U. trichodea</i> .....	Carolyn W. Harris.
IV "	III.	<i>Hypnum (Limnobium) Bestii</i> .....	John M. Holzinger.
IV "	IV.	<i>Alectoria jubata chalybeiformis</i> , <i>Evernia prunastri</i> , <i>Ramalina calicaris fastigiata</i> , and v. <i>farinacea</i> . Carolyn W. Harris.	Carolyn W. Harris.
IV "	V.	<i>Cetraria juniperina</i> , <i>C. Oakesiana</i> , <i>C. ciliaris</i> , <i>C. lacunosa</i> .....	Carolyn W. Harris.
IV "	VI.	<i>Parmelia perforata</i> , <i>P. colpodes</i> , <i>P. Borreri rudecta</i> . Carolyn W. Harris.	Carolyn W. Harris.
IV "	VII.	<i>Hypnum pseudostramineum</i> , <i>H. plesistramineum</i> . <i>H. Tundrae</i> .....	F. Renauld.
IV "	VIII.	<i>Hypnum Bakeri</i> .....	F. Renauld.
IV "	IX.	<i>Thuidium pygmaeum</i> , <i>T. minutulum</i> , <i>T. paludosum</i> , <i>T. Blandovii</i> , <i>T. delicatulum</i> , <i>T. recognitum</i> . Dr. G. N. Best.	Dr. G. N. Best.
V "	I.	<i>Leucodon</i> species details .....	A. J. Grout.
V "	II.	<i>Funaria Americana</i> .....	John M. Holzinger.
V "	III.	<i>Physcia comosa</i> , <i>P. hypoleuca</i> , <i>P. crispa</i> , <i>P. speciosa</i> . Carolyn W. Harris.	Carolyn W. Harris.
V "	IV.	<i>Dicranum falcatum</i> , <i>D. undulatum</i> .....	Dr. Rodney H. True.
V "	V.	<i>Peristome</i> details .....	A. J. Grout.
V "	VI.	<i>Buxbaumia aphylla</i> , <i>B. indusiata</i> , <i>Webera sessilis</i> . A. J. Grout.	A. J. Grout.
V "	VII.	<i>Brachythecium Nelsoni</i> sp. nov.....	A. J. Grout.
V "	VIII.	<i>Psilopilum Tschuetschicum</i> .....	John M. Holzinger.
V "	IX.	<i>Umbilicaria Dillenii</i> , <i>U. vellea</i> , <i>U. pustulata</i> , <i>U. Muhlenbergii</i> .....	Carolyn W. Harris.
VI "	I.	<i>Sematophyllum recurvans</i> .....	Elizabeth G. Britton.
VI "	II.	<i>Orthotrichum anomalum</i> .....	A. J. Grout.
VI "	III.	<i>Orthotrichum Schimperii</i> .....	A. J. Grout.
VI "	IV.	<i>Orthotrichum obtusifolium</i> .....	A. J. Grout.
VI "	V.	<i>Orthotrichum speciosum</i> .....	A. J. Grout.
VI "	VI.	<i>Orthotrichum sordidum</i> .....	A. J. Grout.
VI "	VII.	<i>Cladonia rangiferina</i> , <i>C. sylvatica</i> , <i>C. alpestris</i> , <i>C. amaurocraea</i> , <i>C. uncialis</i> , <i>C. cenotea</i> , <i>C. turgida</i> .....	Bruce Fink and M. A. Husband.
VI "	VIII.	<i>Polytrichum Smithiae</i> , <i>P. Ohioense</i> , <i>P. commune</i> , <i>P. commune uliginosum</i> and f. <i>Washingtonianum</i> , <i>P. commune perigoniale</i> .....	A. J. Grout.

VOL.	NO.	AUTHOR.
VI pl.	IX.	Sticta quercizans, S. Oregona, S. amplissima, S. anthraspis.....Carolyn W. Harris.
VI "	X.	Portrait, Thomas Potts James.....Mrs. M. I. J. Gozzaldi.
VI "	XI.	Splachum luteum ..... Elizabeth G. Britton.
VII "	I.	Peltigera canina.....Carolyn W. Harris.
VII "	II.	Pogonatum urnigerum ..... Mary F. Miller.
VII "	III.	Cladonia fimbriata simplex, v. prolifera, v. cornutoradiata, v. radiata, v. subulata and v. coniocraea..... Bruce Fink.
VII "	IV.	Peristome details.....A. J. Grout.
VII "	V.	Rhacomitrium Flettii sp. nov. .... John M. Holzinger.
VII "	VI.	Collema flaccidum, C. nigrescens, Leptogium palmatum, L. pulchellum, L. myochroum. Carolyn W. Harris.
VII "	VII.	Cladonia furcata racemoso, v. Finkii, v. primata, v. scabriuscula, v. paradoxa..... Bruce Fink.
VII "	VIII.	Tortula papillosa, T. pagorum.....A. J. Grout.
VII "	IX.	Webera Lachenaudi sp. nov..... Dr. J. W. Bailey.
VII "	X.	Hyophila riparia.....Elizabeth G. Britton.
VII "	XI.	Cladonia verticillata, and v. evoluta, C. gracilis dilatata..... Bruce Fink.
VII "	XII.	Anthoceros punctatus, Marchantia polymorpha. William C. Barbour.
VII "	XIII.	Bazzania trilobata, Radula complanata, Lejeunea details..... Wm. C. Barbour.
VII "	XIV.	Porella pinnata, P. platyphylla, Frullania Eboracensis, F. Asagrayana, Ptilidium, ciliare ..... William C. Barbour.
VIII "	I.	Portrait, William Starling Sullivant ... Annie Morrill Smith.
VIII "	II.	Thuidium leaves, etc..... Dr. G. N. Best.
VIII "	III.	Polytrichum details..... John M. Holzinger.
VIII "	IV.	Cladonia gracilis, v. dilacerata, v. anthocephala, v. chordalis, v. aspera, v. elongata, v. laontera. Bruce Fink.
VIII "	V.	Jungermanniaceae details.....Dr. Alexander W. Evans.
IX "	I.	Portrait, Edward Tuckerman..... Bruce Fink.
IX "	II.	Dendroalsia abietina..... Elizabeth G. Britton.
IX "	III.	Homalothecium subcapillatum ..... A. J. Grout.
IX "	IV.	Cladonia subcariosa, C. mitrula..... Bruce Fink.
IX "	V.	Mountain Lodge, Little Moose Lake, Herkimer Co., N. Y..... Joseph Crawford.
IX "	VI.	Lophozia inflata, and v. heterostipa, Cephalozia fluitans.....Dr. Alexander W. Evans.
IX "	VII.	Ptychomitrium Leibergii sp. nov ..... Dr. G. N. Best.
IX "	VIII.	Cladonia caespiticia, C. delicata, C. botrytes ..... Bruce Fink.
IX "	IX.	Lophozia Marchica, L. bicrenata, L. excisa. Caroline Coventry Haynes.

VOL.	NO.		AUTHOR.
X pl.	I.	Portrait, William Mitten.....	William Edward Nicholson.
X "	II.	Lophozia species.....	Caroline Coventry Haynes.
X "	III.	Lophozia species....	Caroline Coventry Haynes.
X "	IV.	Cladonia squamose denticollis f squamosissima, C. squamosa phyllocoma.....	Bruce Fink.
X "	V.	Rhacopilum tomentosum .....	Elizabeth G. Britton.
X "	VI.	Portrait, Prof. Clara Eaton Cummings ..	Bruce Fink.
X "	VII.	Cladonia pyxidata, C. pitryea ...	Bruce Fink.
X "	VIII.	Grimmia Dupreti sp. nov.....	I. Thériot.
X "	IX.	Fissidens synoicus, F. inconstans....	Mr. E. J. Hill.
X "	X.	Cladonia bacillaris, C. macilenta ..	Bruce Fink.
X "	XI.	Cladonia cristatella, C. coccifera .....	Bruce Fink.
X "	XII.	Leucobryum glaucum ...	W. H. Burrell, F. L. S.

**Cuts in Text.**

VOL.	PAGE.		AUTHOR.
I	19.	<i>Polytrichum commune</i> .....	A. J. Grout.
I	40.	<i>Protonema</i> of <i>Pogonatum tenue</i> .....	A. J. Grout.
I	64.	<i>Catharinea angustata</i> , <i>Georgia pellucida</i> , <i>Webera sessilis</i> .....	A. J. Grout.
I	87.	<i>Dicranum scoparium</i> .....	A. J. Grout.
II	22.	Heater for Glycerine Jelly Slides..	Prof. J. Franklin Collins.
II	54.	<i>Funaria hygrometrica</i> , <i>Physcomitrium turbinatum</i> . A. J. Grout.	
II	79.	<i>Mnium sylvaticum</i> .....	A. J. Grout.
II	83.	Illustrated Glossary .....	A. J. Grout.
II	110-111.	Illustrated Glossary .....	A. J. Grout.
III	2-3.	Illustrated Glossary.....	A. J. Grout.
III	18.	<i>Bryum argenteum</i> details .....	Elizabeth G. Britton.
III	21.	<i>Grimmia teretinervis</i> , <i>G. Olneyi</i> , <i>G. campestris</i> . John M. Holzinger.	
III	23-24.	Illustrated Glossary.....	A. J. Grout.
III	27.	<i>Fissidens cristatus</i> .....	Annie Morrill Smith.
III	31-33.	Illustrated Glossary.....	A. J. Grout.
III	43.	<i>Weissia ulophylla</i> , <i>v. coarctata</i> .....	A. J. Grout.
III	46-47.	Illustrated Glossary.....	A. J. Grout.
IV	4-6.	<i>Hylocomium rugosum</i> , <i>H. triquetrum</i> , <i>H. squarrosum</i> , <i>H. proliferum</i> .....	Annie Morrill Smith.
IV	7-8.	Illustrated Glossary.....	A. J. Grout.
IV	9.	<i>Funaria flavicans</i> .....	R. S. Williams.
IV	24.	<i>Grimmia Holzingeri</i> , <i>G. Manniae</i> . .....	John M. Holzinger.
IV	31.	<i>Peristome</i> details.....	A. J. Grout.
IV	34-35.	<i>Merchantia</i> and <i>Conocephalum</i> .....	William C. Barbour.
IV	36-39.	<i>Alectoria jubata implexa</i> , <i>A. ochroleuca sarmentosa</i> , <i>A. Fremontii</i> , <i>Evernia furfuracea</i> , <i>E. vulpina</i> , <i>Ramalina calicaris farinacea</i> , <i>R. rigida</i> , <i>R. reticulata</i> .. .....	Carolyn W. Harris.
IV	42-45.	<i>Cetraria ciliaris</i> , <i>C. Islandica</i> , <i>C. cucullata</i> , <i>C.</i> <i>aurescens</i> , <i>C. nivalis</i> , <i>C. platyphylla</i> . Carolyn W. Harris.	
IV	48.	<i>Brachythecium rivulare laxum</i> , <i>B. collinum</i> <i>Holzingeri</i> var. nov.....	A. J. Grout.
IV	53-55.	<i>Climacium Americanum</i> , <i>C. dendroides</i> , <i>C. Kindbergii</i> .....	A. J. Grout.
IV	58-61.	<i>Parmelia perlata</i> , <i>P. tiliacea</i> , <i>P. saxatilis</i> , <i>P. physodes</i> , <i>P. olivacea</i> , <i>P. conspersa</i> , <i>P. caperata</i> .....	Carolyn W. Harris.
IV	62.	<i>Gemmae</i> of <i>Bryum proligerum</i> .....	Elizabeth G. Britton.
IV	68.	<i>Bazzania trilobata</i> .....	W. C. Barbour.
IV	70-72.	<i>Thuidium delicatulum</i> , <i>T. scitum</i> , <i>T. abietium</i> , and details.....	Dr. George N. Best.

VOL.	PAGE.	AUTHOR.
V	2.	Leucodon species, details . . . . . A. J. Grout.
V	4.	Frullania Eboracensis, F. Asagrayana . . . W. C. Barbour.
V	8.	Seligeria calcarea, S. tristicha laxa . . . . . John M. Holzinger.
V	22-24.	Physcia leucomela, P. ciliaris, P. aquila detonsa, P. obscura, P. pulverulenta, P. stellaris. Carolyn W. Harris.
V	26.	Amblystegium Montanae . . . . . John M. Holzinger.
V	32-36.	Porella platyphylla, P. Bolanderi, and details. W. C. Barbour.
V	37.	Diagram Printing Frame for Mosses . . . Dr. Rodney H. True.
V	42.	Orthotrichum Hallii . . . . . John M. Holzinger.
V	46.	Radula complanata . . . . . W. C. Barbour.
V	55.	Cross section Tooth Polytrichum commune . . . . . A. J. Grout
V	57.	Fissidens grandifrons . . . . . Mr. E. J. Hill
V	59-61.	Theloschistes chrysophthalmus, v. flavicans, T. parietinus, T. polycarpus, T. lychnus, Pyxine picta, P. sorediata . . . . . Carolyn W. Harris.
V	83.	Octodicerias Julianum . . . . . Elizabeth G. Britton.
VI	7.	Orthotrichum Ohioense . . . . . A. J. Grout.
VI	27.	Archilejeunea clypeata, A. Sellowiana, Lejeunea Americana, Microlejeunea lucens, M. Ruthii, Cololejeunea Jooriana . . . . . W. C. Barbour.
VI	56-58.	Sticta aurata, S. pulmonaria, S. scrobiculata, Carolyn W. Harris.
VI	63-64.	Peristome details . . . . . A. J. Grout.
VI	77-79.	Nephroma tomentosum, Solorina saccata. Carolyn W. Harris.
VI	81.	Bryum roseum paraphyses . . . . . Mr. E. J. Hill.
VI	83.	Stereodon plicatulus, S. revolutus, S. callichroum. Harald Lindberg.
VII	2-3.	Peltigera aphthosa, P. polydactyla . . . Elizabeth G. Britton.
VII	14.	Papillaria nigrescens . . . . . Elizabeth G. Britton.
VII	22.	Cladonia fimbriata . . . . . Bruce Fink.
VII	37.	Peristome detail . . . . . A. J. Grout.
VII	54-58.	Cladonia furcata, C. crispata v. infundibulifera . . Bruce Fink.
VII	70.	Trichostomum Warnstorffii . . . . . Elizabeth G. Britton.
VII	72-73.	Stereocaulon paschale, S. condensatum, Pilophorus cereolus, Thamnolia vermicularis. Carolyn W. Harris.
VII	93.	Hepatic details . . . . . W. C. Barbour.
VIII	66-69.	Lichen details, cross sections, etc. . . Frederick LeRoy Sargent.
VIII	82-86.	Lichen details, cross sections, etc. . . Frederick LeRoy Sargent.
VIII	97.	Telaranea nematodes longifolia . . Caroline Coventry Haynes.
IX	5.	Cephalozia Francisci . . . . . Caroline Coventry Haynes.
IX	23.	Cladonia cariosa . . . . . Bruce Fink.
IX	29.	Grimmia glauca . . . . . John M. Holzinger.

VOL.	PAGE.	AUTHOR.
IX	38-39.	<i>Erpodium domingense</i> , <i>Leucodon domingensis</i> . Elizabeth G. Britton.
X	42-44.	<i>Cladonia decorticata</i> , <i>C. degenerans</i> .....Bruce Fink.
X	75.	<i>Polytrichum gracile</i> leaves.....Elizabeth M. Dunham.

END